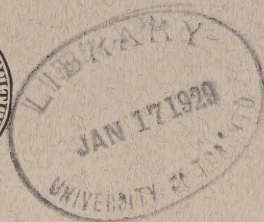




FERTILIZER ANALYSES, 1927-28

REPORT OF OFFICIAL ANALYSES OF SAMPLES TAKEN
BY INSPECTORS, UNDER THE PROVISIONS AND
REGULATIONS OF "THE FERTILIZERS ACT."



DOMINION OF CANADA
DEPARTMENT OF AGRICULTURE

PAMPHLET No. 98—NEW SERIES

THE SEED BRANCH

GEO. H. CLARK, Commissioner

GRANT S. PEART, Chief Fertilizer Division

Published by direction of the Hon. W. R. Motherwell, Minister of Agriculture
Ottawa, September, 1928

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**DISTRICT INSPECTORS, OFFICIAL ANALYSTS AND MEMBERS OF THE
ADVISORY BOARD, APPOINTED UNDER THE FERTILIZERS ACT**

DISTRICT INSPECTORS:—

District No. 1—Jules Simard, Sackville, N.B.

- “ 2—B. Bourgault, Acting, Carrell Block, Quebec, P.Q.
- “ 3—T. G. Raynor, 115 Vittoria St., Ottawa, Ont.
- “ 4—W. J. W. Lennox, 86 Collier St. E., Toronto, 5, Ont.
- “ 5—J. E. Blakeman, 812 Commercial Building, Winnipeg, Man.
- “ 6—G. M. Stewart, Immigration Building, Calgary, Alta.

OFFICIAL ANALYSTS—

G. E. Grattan, Seed Branch Lab., Ottawa.
Dr. O. J. Walker, University of Alberta, Edmonton.
Dr. T. Thorvaldson, University of Saskatchewan, Saskatoon.
R. Harcourt, Ontario Agricultural College, Guelph.
Adam Cameron, University of New Brunswick, Fredericton.
L. Joslyn Rogers, University of Toronto, Toronto.
L. C. Harlow, Nova Scotia Agricultural College, Truro.
R. L. Dorrance, Queen's University, Kingston.
Dr. R. McLean, McGill University, Montreal.
John Allerdycce, University of British Columbia, Vancouver.
J. G. A. Valin, Dept. of Health Lab., Montreal.
M. V. Kitto, Dept. of Health Lab., Ottawa.
F. C. Collier, Dept. of Health Lab., Ottawa.
L. E. Johnson, Dept. of Health Lab., Ottawa.
A. P. Couture, Dept. of Health Lab., Montreal.
R. D. Whitmore, Dept. of Health Lab., Ottawa.
E. L. C. Foster, Dept. of Health Lab., Winnipeg.
W. A. Davidson, Dept. of Health Lab., Vancouver.

GENERAL INFORMATION

The number of registrations under the Fertilizers Act for the year ending June 30, 1928, was 342 as against 293 in the previous year. These registrations were assigned to 54 firms, located as follows:—

	Firms	Registra- tions
Prince Edward Island.....	1	2
Nova Scotia.....	3	25
New Brunswick.....	4	6
Quebec.....	4	18
Ontario.....	14	148
Manitoba.....	0	0
Saskatchewan.....	0	0
Alberta.....	1	12
British Columbia.....	11	35
Great Britain	4	5
United States.....	12	91
Totals.....	54	342

The 342 brands registered may be classified as follows:

- | | |
|---|-----|
| 1. Mixed fertilizers complete..... | 233 |
| 2. Mixed fertilizers containing only two of the three plant foods— | |
| (a) Nitrogen and phosphoric acid..... | 49 |
| (b) Phosphoric acid and potash..... | 46 |
| | 95 |
| 3. Fertilizers containing only one of the three plant foods but not exempt from registration under the Fertilizers Act..... | 14 |

In addition to registered fertilizers, there were on the market basic slag and fertilizer chemicals, such as nitrate of soda, sulphate of ammonia, superphosphate, and muriate of potash, which are exempt from registration.

Of the 981 samples taken by inspectors and analyzed, 91 were found deficient and 890 were found to meet the guaranteed analysis directly or by compensation. Seven prosecutions were conducted and numerous warnings given for first and minor offences. Incorrect labelling and abuses of prescription selling were the principal offences other than failure to meet the guaranteed analysis.

Supplementary to chemical analysis, microscopic analysis was again resorted to in determining the adulteration of some fertilizer materials. By this means some samples of bone meal were found to be adulterated with natural rock phosphate, superphosphate with ground limestone, and tankage with humus or other decomposed vegetable matter.

It is evident that microscopic analysis will prove more and more serviceable in detecting the adulteration of fertilizer materials.

AMOUNTS OF FERTILIZERS USED

The survey of fertilizers used during the registration year 1927-28 has not yet been completed, but the following results of the survey conducted in 1926-27 indicate the comparative demand for the various fertilizers in Canada.

The figures are supplied by the Dominion Bureau of Statistics, which conducted the survey in co-operation with the Fertilizer Division of the Seed Branch.

SALES OF FERTILIZERS IN CANADA, EXCEPT FOR MANUFACTURING PURPOSES DURING THE REGISTRATION YEAR 1926-1927

	Amounts sold in the domestic market	Amounts sold for export from Canada
Fertilizer Materials—		
Sulphate of Ammonia.....	6,908.91 tons	15,537.13 tons
Nitrate of Soda.....	9,065.75 "	751 "
Cyanamid.....	605.5 "	58,201.5 "
Superphosphate.....	56,715.5 "	4,570.25 "
Natural Rock Phosphate.....	90.5 "	— "
Basic Slag.....	12,918.9 "	— "
Muriate of Potash.....	12,523.17 "	1,490 "
Sulphate of Potash.....	305.14 "	— "
Potash Manure Salts.....	— "	— "
Tankage.....	2,115.88 "	1,796 "
Dried Blood.....	219.28 "	90 "
Bone Meal.....	2,158.47 "	152 "
Bone Flour.....	139.54 "	— "
Whale Meat and Blood.....	111.5 "	528 "
Fish Meal.....	1,021.25 "	— "
Calcium Nitrate.....	175.2 "	— "
Sheep Manure.....	42 "	— "
Whale Meat and Bone.....	24 "	4 "
Urea.....	1 "	— "
Total Fertilizer Materials.....	105,141.49 "	83,119.88 "
Mixed Fertilizer—		
Total Mixed Fertilizer.....	64,422.83 "	1,955 "
Total Fertilizer Materials and Mixed Fertilizer.....	169,564.32 "	85,074.88 "
Grand Total.....	254,639.20 tons.	

EXPLANATORY

The following pages contain the results of official analyses of samples of fertilizers taken by inspectors during the registration year ending June 30, 1927. The guarantees of the trade are placed beside the official analyses for comparison.

When making comparisons, it is necessary to take into consideration the limits of variability as prescribed by regulation. These limits are as follows:

A deficiency of not more than—

(a) Three tenths of one per cent of water soluble nitrogen or total nitrogen, or,

(b) One half of one per cent of available phosphoric acid or total phosphoric acid, except in animal (including fish) materials, and basic slag when the deficiency may be not more than one per cent, or,

(c) One half of one per cent of potash soluble in water, or,

(d) Ten per cent in the fineness of basic slag, provided that at least 80% of the total phosphoric acid content is available as determined by the Wagner test.

Seed Branch Inspection Districts in which these samples were taken are indicated by numbers in the tabulations as follows:

Maritime Provinces.....	1
Quebec.....	2
Eastern Ontario.....	3
Western Ontario.....	4
Manitoba and Saskatchewan.....	5
Alberta and British Columbia.....	6

It is hoped that these published results of analyses will serve as a guide to fertilizer buyers and thereby supplement the work of the inspectors in the enforcement of the Fertilizers Act.

G. S. PEART, Chief, Fertilizer Division.

L. P. CLICHE, Assistant Chief, Fertilizer Division.

Manufacturer, Importer or Vendor Fabricant, importateur ou vendeur	Inspection District No. N° du district d'inspection	Brand Name Nom de fabrique	Registration Number Numéro de l'enregistrement
American Agricultural Chemical Co., 420, Lexington Ave., New York, U.S.A.	1	Sure Crop.....	465
	1	".....	465
	1	Homestead Mixture.....	466
		Mélange "Homestead".	
	1	Economizer.....	467
	1	".....	467
	1	".....	467
	1	Reliable.....	468
	1	".....	468
	1	Royal Concentrated.....	469
	1	Maple Leaf Special.....	470
	1	".....	470
	1	Square Brand.....	489
	1	".....	489
	1	Princess.....	718
	1	Muriate of Potash.....	
		Muriate de potasse.	
	1	Nitrate of Soda.....	
		Nitrate de soude.	
	1	".....	
	1	Superphosphate.....	
	2	Légaré's Complete "B".....	318
	2	Légaré's Virginia "A".....	319
	2	Légaré's Virginia Special.....	320
	2	Légaré's General.....	321
	2	".....	321
	2	Légaré's Extra Rich.....	322
	2	".....	322
	2	Golden Harvest.....	464
	2	".....	464
	2	".....	464
	2	Sure Crop.....	465
	2	Homestead Mixture.....	466
		Mélange "Homestead".	
	2	".....	466
	2	Reliable.....	468
	2	Maple Leaf Special.....	470
	2	Square Brand.....	489
	2	Circle Mixture.....	715
		Mélange "Circle".	
	2	2-12-7-5.....	P.
	2	Muriate of Potash.....	
		Muriate de potasse.	
	2	Sulphate of Ammonia.....	
		Sulfate d'ammoniaque.	
	2	Superphosphate.....	
	2	".....	
	2	".....	
	2	".....	
	3	Great Eastern St. Lawrence.....	329
	3	Golden Harvest.....	464
	3	Sure Crop.....	465
	3	Homestead Mixture.....	466
		Mélange "Homestead".	
	3	Reliable.....	468
	3	".....	468
	3	Square Brand.....	489
	3	".....	489
	3	Superphosphate.....	
	4	Golden Harvest.....	464
	4	".....	464

FERTILIZER ANALYSES, 1927-28

ANALYSES D'ENGRAIS CHIMIQUES, 1927-28

Guaranteed—Analyse garantie						Found—Analyse officielle					
Water Soluble Nitrogen ¹⁻⁴ Azote soluble dans l'eau	Total Nitrogen Totalité d'azote	Available Phosphoric Acid Acide phosphorique assimilable	Total Phosphoric Acid Totalité d'acide phosphorique	Potash Soluble in water Potasse soluble dans l'eau	Finesness Finesse	Water Soluble Nitrogen Azote soluble dans l'eau	Total Nitrogen Totalité d'azote	Available Phosphoric Acid Acide phosphorique assimilable	Total Phosphoric Acid Totalité d'acide phosphorique	Potash Soluble in water Potasse soluble dans l'eau	Finesness Finesse
p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.
2-06	2-06	8-0	9-0	2-0	.....	2-0	2-3	8-0	8-9	2-17	.....
.....	2-06	8-0	9-0	2-0	.....	1-9	2-2	8-0	9-5	2-1	.....
.....	2-06	8-0	9-0	10-0	.....	.....	2-13	8-3	9-5	10-0	.....
.....	2-47	10-0	11-0	4-0	.....	2-3	2-60	10-2	11-5	4-07	.....
.....	2-47	10-0	11-0	4-0	.....	2-5	2-8	10-9	11-5	4-0	.....
.....	2-47	10-0	11-0	4-0	.....	2-3	2-6	10-3	11-8	4-2	.....
.....	3-29	8-0	9-0	4-0	.....	3-1	3-4	8-9	9-5	4-04	.....
.....	3-29	8-0	9-0	4-0	.....	3-2	3-6	8-0	9-26	4-0	.....
.....	3-29	6-0	7-0	10-0	.....	.....	3-36	6-1	7-3	10-2	.....
.....	4-11	8-0	9-0	7-0	.....	3-9	4-30	8-3	9-2	7-0	.....
.....	4-11	8-0	9-0	7-0	.....	4-0	4-4	8-6	9-2	6-9	.....
.....	2-06	8-0	9-0	3-0	.....	1-9	2-29	8-9	9-5	3-02	.....
.....	2-06	8-0	9-0	3-0	.....	2-0	2-3	8-0	9-9	3-0	.....
.....	4-11	10-0	10-5	5-0	.....	4-1	4-4	10-2	12-1	5-12	.....
.....	.....	.....	.....	50-0	.....	.....	.....	.....	.....	49-6	.....
15-2	.....	.....	.....	.....	.....	15-8	.....	.....	.....	.....	.....
15-0	.....	16-0	.....	.....	.....	15-9	.....	16-9	.....	.....	.....
.....	2-0	8-0	8-5	2-0	.....	.....	2-0	8-0	8-8	2-1	.....
.....	2-0	8-0	8-5	4-0	.....	.....	2-0	8-6	9-2	4-3	.....
.....	4-0	6-0	6-5	5-0	.....	.....	4-4	7-0	7-4	5-15	.....
.....	3-0	8-0	8-5	7-0	.....	.....	3-1	8-0	8-8	7-05	.....
.....	3-0	8-0	8-5	7-0	.....	.....	5-1	8-2	8-9	7-3	.....
.....	3-0	8-0	8-5	10-0	.....	.....	3-0	8-4	9-1	10-1	.....
.....	3-0	8-0	8-5	10-0	.....	.....	3-0	8-5	9-2	10-0	.....
.....	.....	12-0	13-0	6-0	.....	.....	.....	12-8	13-9	6-8	.....
.....	.....	12-0	13-0	6-0	.....	.....	.....	12-6	13-0	6-2	.....
.....	.....	12-0	13-0	6-0	.....	.....	.....	12-0	12-8	6-4	.....
.....	2-06	8-0	9-0	2-0	.....	.....	2-14	8-8	9-4	2-2	.....
.....	2-06	8-0	9-0	10-0	.....	.....	2-1	8-6	9-4	9-8	.....
.....	2-06	8-0	9-0	10-0	.....	.....	2-1	8-6	9-1	9-8	.....
.....	3-29	8-0	9-0	4-0	.....	.....	3-5	8-4	9-1	4-2	.....
.....	4-11	8-0	9-0	7-0	.....	.....	4-1	7-8	8-6	7-1	.....
.....	2-06	8-0	9-0	3-0	.....	.....	2-2	7-9	8-4	3-6	.....
.....	.....	12-0	12-5	12-0	.....	.....	.....	12-4	13-1	12-0	.....
.....	2-0	12-0	.....	7-5	.....	.....	1-8	12-0	12-1	8-5	.....
.....	.....	.....	.....	50-0	.....	.....	.....	.....	.....	50-5	.....
20-16	.....	.....	.....	.....	.....	21-0	.....	.....	.....	.....	.....
.....	.....	16-0	.....	.....	.....	.....	.....	16-5	.....	.....	.....
.....	.....	16-0	.....	.....	.....	.....	.....	16-0	.....	.....	.....
.....	.....	16-0	.....	.....	.....	.....	.....	16-2	.....	.....	.....
.....	.....	16-0	.....	.....	.....	.....	.....	16-0	.....	.....	.....
.....	4-11	8-0	9-0	10-0	.....	.....	3-2	12-0	13-0	7-0	.....
.....	.....	12-0	13-0	6-0	.....	.....	.....	12-0	12-7	6-0	.....
.....	2-06	8-0	9-0	2-0	.....	.....	2-4	8-1	8-7	2-1	.....
.....	2-06	8-0	9-0	10-0	.....	.....	1-7	7-8	8-5	9-6	.....
.....	3-29	8-0	9-0	4-0	.....	.....	3-4	7-7	8-5	4-0	.....
.....	3-29	8-0	9-0	4-0	.....	.....	3-20	8-1	8-8	4-0	.....
.....	2-06	8-0	9-0	3-0	.....	.....	2-1	8-1	8-9	3-4	.....
.....	2-06	8-0	9-0	3-0	.....	.....	1-9	8-1	8-8	3-0	.....
.....	.....	16-0	.....	.....	.....	.....	.....	16-3	.....	.....	.....
.....	.....	12-0	13-0	6-0	.....	.....	.....	12-3	12-7	6-2	.....
.....	.....	12-0	13-0	6-0	.....	.....	.....	12-0	12-6	6-0	.....

Manufacturer, Importer or Vendor Fabricant, importateur ou vendeur	Inspection District No. N° du district d'inspection	Brand Name Nom de fabrique	Registration Number Numéro de l'en- registrement
American Agricultural Chemical Co., 420, Lexington Ave., New York, U.S.A. (cont'd)	4	Sure Crop.....	465
	4	".....	465
	4	Homestead Mixture.....	466
		Mélange "Homestead".	
	4	Economizer.....	467
	4	".....	467
	4	".....	467
	4	Reliable.....	468
	4	Velvet Leaf.....	817
	4	Superphosphate.....	
	4	".....	
	4	Carter's No. 3.....	308
	4	".....	308
	4	Big Crop 0-12-12.....	778
Andrewes, Mountain Seed Co., Ltd., Toronto, Ont. Armour Fertilizer Works, Sandusky, Ohio, U.S.A.	4	Big Crop 0-16-8.....	802
	4	Big Crop 4-16-4.....	836
	4	".....	836
	4	Big Crop 2-8-16.....	837
	4	".....	837
	4	Big Crop 3-8-6.....	838
	4	".....	838
	4	".....	838
	4	".....	838
	4	".....	838
	4	Big Crop 4-12-8.....	839
	4	" 4-12-8.....	839
	4	Big Crop 4-8-6.....	840
	4	Big Crop 0-20-0.....	P.
	4	Big Crop Nitrate of Soda.....	
Baugh Chemical Co., Baltimore, Maryland, U.S.A.	4	Nitrate de soude "Big Crop"	
	4	".....	
	4	Superphosphate.....	
	4	".....	
	4	Superphosphate.....	
	4	".....	
Bernier, J. E. Ltée., Dessaint, Comté de Kamouraska, Québec.	2	Phosphate et potasse.....	717
		Phosphate and Potash.	
	2	".....	717
	2	Mélange Bernier.....	815
		Bernier's Mixture.	
	2	".....	815
	2	Mélange Bernier 2-8-6.....	891
		Bernier's Mixture.	
	2	" 2-8-6.....	891
	2	Mélange Bernier 4-8-10.....	892
		Bernier's Mixture.	
	2	" 4-8-10.....	892
	2	Burlington 2-46-8-1.....	290
Burlington Rendering Co., Burlington, Vt., U.S.A. Burns & Co., Ltd., P., Vancouver, B.C.....	6	Burns' Dried Blood.....	394
		Sang desséché "Burns"	
	6	".....	394
	6	".....	394
	6	".....	394
	6	".....	394
	6	Burns' O.K.....	515
	6	".....	515
	6	".....	515
	6	".....	515
	6	".....	515
	6	".....	515

FERTILIZER ANALYSES, 1927-28

ANALYSES D'ENGRAIS CHIMIQUES, 1927-28

Guaranteed—Analyse garantie						Found—Analyse officielle					
Water Soluble Nitrogen Azote soluble dans l'eau	Total Nitrogen Totalité d'azote	Available Phosphoric Acid Acide phosphorique assimilable	Total Phosphoric Acid Totalité d'acide phosphorique	Potash Soluble in water Potasse soluble dans l'eau	Finesse Finesse	Water Soluble Nitrogen Azote soluble dans l'eau	Total Nitrogen Totalité d'azote	Available Phosphoric Acid Acide phosphorique assimilable	Total Phosphoric Acid Totalité d'acide phosphorique	Potash Soluble in water Potasse soluble dans l'eau	Finesse Finesse
p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.
2-06	8-0	9-0	2-0	2-0		2-05	9-0	10-0	2-0		
2-06	8-0	9-0	2-0	2-0		2-05	8-4	9-1	2-0		
2-06	8-0	9-0	10-0			1-92	8-6	9-5	9-9		
2-47	10-0	11-0	4-0			2-5	10-7	12-1	4-0		
2-47	10-0	11-0	4-0			2-2	10-8	11-7	4-1		
2-47	10-0	11-0	4-0			2-48	10-2	10-8	4-05		
3-29	8-0	9-0	4-0			3-3	9-4	10-2	4-0		
4-0	8-0	8-5	6-0			3-5	9-6	10-2	5-9		
	16-0						16-6				
	16-0						16-5				
2-46	10-0	11-14	2-0			3-54	10-7	11-9	3-8		
2-46	10-0	11-14	2-0			2-65	9-8	10-3	4-05		
	12-0	12-5	12-0				12-0	13-4	12-1		
		16-5	8-0					16-0	16-9	8-3	
4-0	16-0		4-0			3-73	16-7	18-1	3-8		
4-0	16-0		4-0			4-0	17-1	18-0	4-06		
2-0	8-0		16-0			2-05	8-3	9-0	16-0		
2-0	8-0		16-0			2-05	8-0	8-8	16-2		
3-0	8-0		6-0			3-2	8-6	10-1	6-05		
3-0	8-0		6-0			3-1	8-5	9-0	5-9		
3-0	8-0		6-0			3-08	8-5	9-2	6-1		
3-0	8-0		6-0			3-05	8-3	9-3	5-9		
3-0	8-0		6-0			3-1	8-1	8-7	5-9		
4-0	12-0		8-0			4-1	12-1	13-0	8-03		
4-0	12-0		8-0			4-07	12-2	13-0	8-05		
4-0	8-0		6-0			4-7	8-1	8-8	6-0		
14-81	20-0					15-6	20-4	21-3			
14-81						15-6					
	16-0							16-0			
	16-0							16-0			
	16-0							16-8			
	16-0							17-2			
	8-0	9-0	8-0					7-9	8-3	10-7	
	8-0	9-0	8-0					7-5	8-5	7-8	
4-0	4-0	8-0	9-0	6-0		2-6	2-6	7-4	8-9	8-3	
4-0	4-0	8-0	9-0	6-0		3-54	3-54	8-1	8-4	6-3	
2-0	2-0	8-0	9-0	6-0		2-3	2-3	8-6	8-8	5-7	
2-0	2-0	8-0	9-0	6-0		2-5	2-5	7-8	8-8	6-3	
4-0	4-0	8-0	9-0	10-0		3-6	3-6	9-0	9-4	8-7	
4-0	4-0	8-0	9-0	10-0		3-2	3-2	9-0	9-3	10-4	
1-23	2-46	8-0	9-0	4-0		2-4	2-6	8-4	9-0	3-7	
	12-0						10-4				
	12-0						12-3				
	12-0						12-0				
	12-0						13-6				
	12-0						13-2				
6-0	5-0	10-0	4-0			6-6	11-1	14-4	3-8		
6-0	5-0	10-0	4-0			7-5	8-9	11-8	4-5		
6-0	5-0	10-0	4-0			6-6	7-9	12-4	4-2		
6-0	5-0	10-0	4-0			6-4	9-8	11-0	8-5		

Manufacturer, Importer or Vendor — Fabricant, importateur ou vendeur	Inspection District No. — N° du district d'inspection	Brand Name — Nom de fabrique	Registration Number — Numéro de l'enre- gistre- ment
Burns & Co., Ltd., P., Vancouver, B.C. (cont'd).	6	Burns' Special.....	569
	6	".....	569
	6	Burns' Bone Meal.....	580
	6	<i>Poudre d'os "Burns".</i>	
	6	".....	580
	6	".....	580
	6	".....	580
	6	".....	580
	6	Burns' Tankage.....	581
	6	<i>Viande desséchée "Burns".</i>	
	6	Burns' Ideal.....	586
	6	".....	586
	6	".....	586
	6	".....	586
	6	".....	586
	6	Burns' Standard.....	587
	6	".....	587
	6	Burns' Tankage.....	603
	6	<i>Viande desséchée "Burns".</i>	
	6	".....	603
	6	".....	603
	6	Burns' Lowland.....	611
	6	".....	611
	6	".....	611
	6	".....	611
	6	".....	611
	6	Burns' "Nitro".....	612
	6	<i>"Nitro" "Burns".</i>	
	6	".....	612
	6	".....	612
	6	Burns' Fish Meal.....	694
	6	<i>Déchets de poisson "Burns".</i>	
	6	".....	694
	6	".....	694
	6	Burns' Steamed Bone Flour.....	716
	6	<i>Farine d'os "Burns".</i>	
	6	".....	716
	6	Burns' "X.-L.".....	819
	6	".....	819
	6	"..... 4-8-10.....	P.
	6	Burns' Blood and Bone.....	P.
	6	<i>Os et sang desséché "Burns".</i>	
	6	Burns' Basic Slag.....	
	6	<i>Scories basiques "Burns".</i>	
	6	".....	
	6	Burns' Muriate of Potash.....	
	6	<i>Muriate de potasse "Burns".</i>	
	6	".....	
	6	Burns' Nitrate of Soda.....	
	6	<i>Nitrate de soude "Burns".</i>	
	6	".....	
	6	Burns' Sulphate of Ammonia.....	
	6	<i>Sulfate d'ammoniaque "Burns".</i>	
	6	".....	
	6	Burns' Sulphate of Potash.....	
	6	<i>Sulfate de potasse "Burns".</i>	
	6	Superphosphate.....	
	6	".....	
Canada Fish Products Ltd., Watts Island, Ladner, B.C.	6	Salmon.....	177
	6	".....	177

FERTILIZER ANALYSES, 1927-28

ANALYSES D'ENGRAIS CHIMIQUES, 1927-28

Guaranteed—Analyse garantie						Found—Analyse officielle					
Water Soluble Nitrogen Azote soluble dans l'eau	Total Nitrogen Totalité d'azote	Available Phosphoric Acid Acide phosphorique assimilable	Total Phosphoric Acid Totalité d'acide phosphorique	Potash Soluble in water Potasse soluble dans l'eau	Finesness Finesse	Water Soluble Nitrogen Azote soluble dans l'eau	Total Nitrogen Totalité d'azote	Available Phosphoric Acid Acide phosphorique assimilable	Total Phosphoric Acid Totalité d'acide phosphorique	Potash Soluble in water Potasse soluble dans l'eau	Finesness Finesse
p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.
2-24	8-92	5-0	10-35	.....	.....	2-0	9-0	6-0	10-3	.....	.....
2-24	8-92	5-0	10-35	.....	.....	3-4	9-3	6-5	9-3	.....	.....
.....	3-0	8-0	23-0	.....	.....	.....	4-3	8-0	24-3	.....	.....
.....	3-0	8-0	23-0	.....	.....	.....	3-3	8-0	23-8	.....	.....
.....	3-0	8-0	23-0	.....	.....	.....	4-3	8-0	25-3	.....	.....
.....	3-0	8-0	23-0	.....	.....	.....	3-6	8-0	27-1	.....	.....
.....	3-0	8-0	23-0	.....	.....	.....	4-3	8-0	24-4	.....	.....
.....	3-0	8-0	23-0	.....	.....	.....	4-3	8-0	25-0	.....	.....
.....	8-0	5-0	7-0	.....	.....	.....	9-5	5-1	6-5	.....	.....
.....	6-0	5-0	10-0	10-0	.....	.....	6-2	8-6	11-7	9-3	.....
.....	6-0	5-0	10-0	10-0	.....	.....	6-2	8-7	12-9	8-7	.....
.....	6-0	5-0	10-0	10-0	.....	.....	6-2	13-0	14-4	10-3	.....
.....	6-0	5-0	10-0	10-0	.....	.....	7-0	9-6	13-4	9-1	.....
.....	6-0	5-0	10-0	10-0	.....	.....	6-4	5-2	10-0	10-0	.....
.....	3-0	5-0	10-0	7-0	.....	3-4	3-6	10-0	11-8	7-5	.....
.....	3-0	5-0	10-0	7-0	.....	3-3	3-3	10-7	12-5	7-1	.....
.....	6-0	5-0	7-0	.....	.....	.....	6-48	11-6	14-0	.....	.....
.....	6-0	5-0	7-0	.....	.....	.....	6-9	.....	8-6	.....	.....
.....	6-0	5-0	7-0	.....	.....	.....	7-05	7-3	7-9	.....	.....
.....	.....	11-0	12-0	10-0	.....	.....	.....	13-0	14-6	6-6	.....
.....	.....	11-0	12-0	10-0	.....	.....	.....	12-2	13-6	10-05	.....
.....	.....	11-0	12-0	10-0	.....	.....	.....	12-6	14-6	6-1	.....
.....	.....	11-0	12-0	10-0	.....	.....	.....	14-0	14-6	10-3	.....
.....	.....	11-0	12-0	10-0	.....	.....	.....	13-4	13-9	12-1	.....
15-0	.....	.....	.....	.....	.....	15-5	.....	.....	.....	.....	.....
15-0	.....	.....	.....	.....	.....	15-3	.....	.....	.....	.....	.....
15-0	.....	.....	.....	.....	.....	15-7	.....	.....	.....	.....	.....
.....	8-0	5-0	8-0	.....	.....	.....	9-6	4-8	6-4	.....	.....
.....	8-0	5-0	8-0	.....	.....	.....	9-6	.....	8-1	.....	.....
.....	8-0	5-0	8-0	.....	.....	.....	9-1	.....	9-7	.....	.....
.....	.....	10-0	25-0	.....	.....	.....	.....	10-0	30-1	.....	.....
.....	.....	10-0	25-0	.....	.....	.....	.....	10-0	31-7	.....	.....
.....	4-0	5-0	10-0	4-0	.....	.....	4-8	9-3	10-9	6-6	.....
.....	4-0	5-0	10-0	4-0	.....	.....	5-5	5-1	11-1	5-2	.....
.....	4-0	.....	8-0	10-0	.....	.....	2-2	.....	17-5	9-2	.....
.....	7-0	.....	11-0	.....	.....	.....	7-0	.....	9-4	.....	.....
.....	.....	.....	17-0	.....	80-0	.....	.....	16-5	18-0	.....	82-6
.....	.....	.....	17-0	.....	80-0	.....	.....	16-3	17-6	.....	80-6
.....	.....	.....	.....	50-0	.....	.....	.....	.....	.....	48-3	.....
.....	.....	.....	.....	50-0	.....	.....	.....	.....	.....	50-0	.....
15-5	.....	.....	.....	.....	.....	15-8	.....	.....	.....	.....	.....
15-0	.....	.....	.....	.....	.....	15-5	.....	.....	.....	.....	.....
21-0	.....	.....	.....	.....	.....	21-0	.....	.....	.....	.....	.....
21-0	.....	.....	.....	.....	.....	20-8	.....	.....	.....	.....	.....
.....	.....	.....	.....	50-0	.....	.....	.....	.....	.....	49-1	.....
.....	.....	16-0	.....	.....	.....	.....	.....	17-6	.....	.....	.....
.....	.....	16-0	.....	.....	.....	.....	.....	17-8	.....	.....	.....
.....	8-24	5-99	9-15	.....	.....	.....	7-6	5-0	7-5	.....	.....
.....	8-24	5-99	9-15	.....	.....	.....	7-7	5-3	7-7	.....	.....

Manufacturer, Importer or Vendor Fabricant, importateur ou vendeur	Inspection District No. N° du district d'inspection	Brand Name Nom de fabrique	Registration Number Numéro de l'en- registre- ment
Canadian Fertilizer Co., Ltd., Chatham, Ont.	2	2-8-4	285
	4	Muriate of Potash.....	
		<i>Muriate de potasse.</i>	
	4	Nitrate of Soda.....	
		<i>Nitrate de soude.</i>	
	4	Sulphate of Ammonia.....	
		<i>Sulfate d'ammoniaque.</i>	
	4	Sulphate of Potash.....	
		<i>Sulfate de potasse.</i>	
	4	Superphosphate.....	
Colonial Fertilizer Co., Windsor, N.S.....	1	Empress.....	277
	1	N.B. Special.....	302
	1	Standard.....	304
	1	Formula "A".....	609
	1	".....	609
	1	".....	609
	1	".....	609
	1	Formula "B".....	610
	1	".....	610
	1	Nova Scotia Special.....	614
	1	Ground Tankage.....	720
		<i>Viande desséchée moulue.</i>	
	1	Ground Tankage.....	878
		<i>Viande desséchée moulue.</i>	
	1	Muriate of Potash.....	
		<i>Muriate de potasse.</i>	
	1	".....	
	1	".....	
	1	Nitrate of Soda.....	
		<i>Nitrate de soude.</i>	
	1	".....	
	1	".....	
	1	Sulphate of Ammonia.....	
		<i>Sulfate d'ammoniaque.</i>	
	1	".....	
	1	".....	
	1	Superphosphate.....	
	1	".....	
Consolidated Rendering Co., Boston, Mass., U.S.A.	2	Nitrate of Soda.....	
		<i>Nitrate de soude.</i>	
Consolidated Whaling Corporation, 303, Bay St., Victoria, B.C.	2	Superphosphate.....	
	6	Whale Bone Meal.....	452
		<i>Poudre d'os de baleine.</i>	
	6	Whale Meat and Blood.....	488
		<i>Chair et sang desséchés de baleine.</i>	
	6	".....	488
	6	".....	488
	6	Whale Meat and Bone.....	561
		<i>Chair et os de baleine.</i>	
	6	".....	561
	6	".....	561
Coopérative Fédérée de Québec, Ste-Rosalie, Comté de Bagot, Québec.	2	Phosphate Thomas (Scories basi- ques) Fédérée.....	
		<i>"Fédérée" Basic slag.</i>	
	2	".....	
	2	".....	
	2	".....	
	2	".....	
	2	".....	

FERTILIZER ANALYSES, 1927-28

ANALYSES D'ENGRAIS CHIMIQUES, 1927-28

Guaranteed—Analyse garantie						Found—Analyse officielle					
Water Soluble Nitrogen Azote soluble dans l'eau	Total Nitrogen Totalité d'azote	Available Phosphoric Acid Acide phosphorique assimilable	Total Phosphoric Acid Totalité d'acide phosphorique	Potash Soluble in water Potasse soluble dans l'eau	Fineness Finesse	Water Soluble Nitrogen Azote soluble dans l'eau	Total Nitrogen Totalité d'azote	Available Phosphoric Acid Acide phosphorique assimilable	Total Phosphoric Acid Totalité d'acide phosphorique	Potash Soluble in water Potasse soluble dans l'eau	Fineness Finesse
p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.
1.0	2.0	8.0	8.5	4.0	.....	1.0	2.0	7.1	7.8	5.1	.....
				48.0	.....					52.0	.....
15.0						15.6					
20.0						20.5					
				48.0						49.6	
		16.0						16.6			
1.55	2.05	8.0	8.5	2.0		1.35	2.19	8.0	8.9	2.28	
2.5	3.23	6.0	6.5	10.0		3.0	3.4	7.4	8.6	9.8	
2.50	3.29	8.0	8.5	4.0		2.5	3.3	8.0	9.2	4.3	
3.20	4.31	8.0	8.5	13.0		4.04	4.6	7.3	7.9	12.8	
3.20	4.31	8.0	8.5	13.0		4.2	4.8	8.0	9.5	12.4	
3.20	4.31	8.0	8.5	13.0		3.0	4.1	8.1	9.3	13.2	
3.20	4.31	8.0	8.5	13.0		3.66	4.2	8.1	9.2	13.2	
3.20	4.31	8.0	8.5	13.0		3.8	4.3	8.3	9.5	13.6	
3.55	4.73	9.0	9.5	8.0		4.1	4.9	9.2	9.5	8.24	
3.55	4.73	9.0	9.5	8.0		3.9	4.4	9.3	10.9	8.4	
3.10	4.1	10.5	10.0	5.0		3.1	4.1	10.0	10.5	5.0	
	7.4		6.0				6.5		9.9		
	6.58		8.0				6.5		12.46		
				48.0						50.3	
				50.0						49.5	
				50.0						46.2	
15.0						15.8					
15.0						15.5					
15.0						15.5					
20.15						20.6					
20.15						20.5					
20.15						20.5					
		16.0						16.4			
		16.0						16.4			
		16.0						16.9			
15.22						15.8					
		16.0						16.1			
	2.5	9.5	25.0				3.4	10.0	24.0		
	12.0						11.3				
	12.0						12.4				
	12.0						11.2				
	6.58	5.42					8.6	5.3	8.2		
	6.58	5.42					8.6	5.5	7.8		
	6.58	5.42					6.8	9.4	12.0		
		16.0	17.0		80.0			15.8	16.9		72.7
		16.0	17.0		80.0			16.0	17.1		72.0
		16.0	17.0		80.0			15.6	17.9		71.0
		16.0	17.0		80.0			16.2	17.0		72.5
		16.0	17.0		80.0			15.5	17.0		67.3
		16.0	17.0		80.0			15.5	17.4		69.9

Manufacturer, Importer or Vendor Fabricant, importateur ou vendeur	Inspection District No. N° du district d'inspection	Brand Name Nom de fabrique	Registration Number Numéro de l'enregistrement
Coopérative Fédérée de Québec, Ste-Rosalie, Comté de Bagot, Québec. (cont'd).	2	Phosphate Thomas (Scories basiques) Fédérée.	.....
	2	"Fédérée" Basic Slag.	.....
	2	" " " "	.....
	2	" " " "	.....
	2	" " " "	.....
	2	" " " "	.....
	2	" " " "	.....
	2	" " " "	.....
	2	Sulfate d'ammoniaque Fédérée.	.....
	2	"Fédérée" Sulphate of Ammonia.	.....
	2	Sulfate de Potasse Fédérée.	.....
	2	"Fédérée" Sulphate of Potash.	.....
	2	Superphosphate.	.....
	2	" " " "	.....
	2	" " " "	.....
Cross Fertilizers Ltd., Sydney, N.S.....	1	"Double X" Basic Slag and Florida Phosphate. Scories basiques et phosphate de Floride "Double X".	390
Farmers' Fertilizer Co., Ltd., The, Wingham, Ontario.	4	The Farmers' 2-8-2 Special.....	361
	4	" " 2-8-2 ".....	361
	4	The Farmers' 0-10-4.....	363
	4	" " 0-10-4.....	363
	4	The Farmers' 2-12-2 Special.....	449
	4	" " 2-12-2 ".....	449
	4	" " 2-12-2 ".....	449
	4	" " 2-12-2 ".....	449
	4	" " 2-12-2 ".....	449
	4	The Farmers' 0-12-5.....	532
	4	" " 0-12-5.....	532
	4	" " 0-12-5.....	532
	4	" " 0-12-5.....	532
	4	" " 0-12-5.....	532
	4	The Farmers' 4-8-6.....	534
	4	The Farmers' 2-10-4.....	868
	4	" " 2-10-4.....	868
	4	" " 2-10-4.....	868
	4	Superphosphate.....	.....
	4	" " " ".....	.....
	4	" " " ".....	.....
Fearman Co., Ltd., F. W., Hamilton, Ont....	4	Fearman's Tankage.....	293
	4	Viande desséchée "Fearman's".	.....
	4	Fearman's Bone Meal.....	294
	4	Poudre d'os "Fearman's".	.....
Feeds & Supplies Ltd., Calgary, Alta.....	5	Nitrate of Soda.....	.....
	5	Nitrate de soude.	.....
Fertilizers & Feeds Ltd., West Toronto, Ont....	4	Sacco 0-12-5.....	722
	4	" " 0-12-5.....	722
	4	" " 0-12-5.....	722
	4	Sacco 2-12-2.....	725
	4	" " 2-12-2.....	725
	4	Sacco 4-8-4.....	726
	4	" " 4-8-4.....	726
	4	" " 4-8-4.....	726
	4	" " 4-8-4.....	726
	4	Sacco 4-12-4.....	728
	4	Smith's Sacco, 3-29-12-4.....	731

FERTILIZER ANALYSES, 1927-28

ANALYSES D'ENGRAIS CHIMIQUES, 1927-28

Guaranteed—Analyse garantie						Found—Analyse officielle					
Water Soluble Nitrogen Azote soluble dans l'eau	Total Nitrogen Totalité d'azote	Available Phosphoric Acid Acide phosphorique assimilable	Total Phosphoric Acid Totalité d'acide phosphorique	Potash Soluble in water Potasse soluble dans l'eau	Finesness Finesse	Water Soluble Nitrogen Azote soluble dans l'eau	Total Nitrogen Totalité d'azote	Available Phosphoric Acid Acide phosphorique assimilable	Total Phosphoric Acid Totalité d'acide phosphorique	Potash Soluble in water Potasse soluble dans l'eau	Finesness Finesse
p.c.	p.c.	p.c. 16.0	p.c. 17.0	p.c.	p.c. 80.0	p.c.	p.c.	p.c. 15.3	p.c. 16.6	p.c.	p.c. 71.5
.....	.....	16.0	17.0	.....	80.0	.....	.....	15.8	17.0	.....	78.9
.....	.....	16.0	17.0	.....	80.0	.....	.....	15.6	16.8	.....	77.1
.....	.....	16.0	17.0	.....	80.0	.....	.....	15.4	17.3	.....	74.2
.....	.....	16.0	17.0	.....	80.0	.....	.....	16.0	17.9	.....	84.5
.....	.....	16.0	17.0	.....	80.0	.....	.....	16.0	17.1	.....	72.5
.....	.....	16.0	17.0	.....	80.0	.....	.....	15.7	17.1	.....	80.3
.....	.....	16.0	17.0	.....	80.0	.....	.....	16.0	17.0	.....	75.8
20.0	.....	16.0	17.0	.....	80.0	20.7	.....	16.0	17.0	.....	74.6
20.0	.....	.....	.....	48.0	.....	20.7	.....	.....	.....	49.7	.....
.....	.....	16.0	.....	.....	.....	.....	.....	16.0	.....	.....	.....
.....	.....	16.0	.....	.....	.....	.....	.....	16.1	.....	.....	.....
.....	.....	16.0	.....	.....	.....	.....	.....	16.0	.....	.....	.....
.....	.....	.....	14.0	.....	80.0	.....	.....	.....	17.9	.....	83.0
1.0	2.0	8.0	9.0	2.0	.....	.....	2.0	8.0	10.5	2.15	.....
1.0	2.0	8.0	9.0	2.0	.....	.....	.83	10.2	11.7	.55	.....
.....	.....	10.0	11.0	4.0	.....	.....	.....	10.4	11.5	4.0	.....
.....	.....	10.0	11.0	4.0	.....	.....	.....	10.7	11.3	5.35	.....
1.0	2.0	12.0	13.0	2.0	.....	.....	2.0	12.4	13.0	2.15	.....
1.0	2.0	12.0	13.0	2.0	.....	.....	1.7	11.5	13.4	1.9	.....
1.0	2.0	12.0	13.0	2.0	.....	.....	1.75	12.1	15.3	2.05	.....
1.0	2.0	12.0	13.0	2.0	.....	.....	1.1	8.7	10.5	1.0	.....
1.0	2.0	12.0	13.0	2.0	.....	.....	.85	9.6	10.0	5.0	.....
1.0	2.0	12.0	13.0	2.0	.....	.....	.8	9.2	10.7	1.0	.....
.....	.....	12.0	13.0	5.0	.....	.....	.....	12.1	13.1	6.3	.....
.....	.....	12.0	13.0	5.0	.....	.....	.....	11.7	12.4	5.25	.....
.....	.....	12.0	13.0	5.0	.....	.....	.....	12.3	13.7	4.7	.....
.....	.....	12.0	13.0	5.0	.....	.....	.....	8.5	9.7	trace	.....
.....	.....	12.0	13.0	5.0	.....	.....	.....	9.0	9.7	trace	.....
3.0	4.0	8.0	9.0	6.0	.....	.....	1.65	10.0	11.8	.4	.....
1.0	2.0	10.0	11.0	4.0	.....	.....	1.89	10.5	14.5	3.8	.....
1.0	2.0	10.0	11.0	4.0	.....	.....	.94	8.9	10.5	8.0	.....
1.0	2.0	10.0	11.0	4.0	.....	.....	.72	10.0	11.2	.6	.....
.....	.....	16.0	.....	.....	.....	.....	.....	16.7	.....	.....	.....
.....	.....	16.0	.....	.....	.....	.....	.....	16.5	.....	.....	.....
.....	.....	16.0	.....	.....	.....	.....	.....	8.4	.....	.....	.....
.....	.....	16.0	.....	.....	.....	.....	.....	9.1	.....	.....	.....
.45	7.0	7.0	8.0	.....	.....	.....	7.5	9.0	11.3	.....	.....
.44	4.0	16.0	22.0	.....	.....	.....	4.55	17.5	22.2	.....	.....
15.0	.....	.....	.....	.....	.....	16.3	.....	.....	.....	.....	.....
.....	.....	12.0	.....	5.0	.....	.....	.....	12.4	12.7	4.7	.....
.....	.....	12.0	.....	5.0	.....	.....	.....	13.2	13.8	4.8	.....
.....	.....	12.0	.....	5.0	.....	.....	.....	12.0	12.8	5.15	.....
1.0	2.0	12.0	.....	2.0	.....	1.0	2.0	12.8	13.5	2.01	.....
1.0	2.0	12.0	.....	2.0	.....	1.0	2.07	12.3	13.1	1.92	.....
2.8	4.0	8.0	.....	4.0	.....	2.8	4.2	9.2	9.9	3.8	.....
2.8	4.0	8.0	.....	4.0	.....	2.8	4.06	8.6	10.0	4.02	.....
2.8	4.0	8.0	.....	4.0	.....	2.8	4.5	8.2	9.5	4.05	.....
2.8	4.0	12.0	.....	4.0	.....	2.8	4.06	12.5	13.8	4.15	.....
2.3	3.29	12.0	.....	4.0	.....	2.3	3.3	13.8	14.8	4.0	.....

Manufacturer, Importer or Vendor Fabricant, importateur ou vendeur	Inspection District No. N° du district d'inspection	Brand Name Nom de fabrique	Registration Number Numéro de l'enre- gistre- ment
Fertilizers & Feeds Ltd., West Toronto, Ont. (cont'd).	4	Sacco 2-8-2.....	738
	4	" 2-8-2.....	738
	4	Sacco 0-12-12.....	794
	4	Sacco 2-12-6.....	795
	4	Sacco 4-8-10.....	821
	4	" 4-8-10.....	821
	4	" 4-8-10.....	821
	4	Sacco 5-8-7.....	P.
	4	Superphosphate.....	
	4	".....	
	4	".....	
	4	".....	
Globe Fertilizer Co., South Vancouver, B.C..	6	Globe "A".....	403
	6	".....	403
	6	".....	403
	6	Globe bone meal.....	504
	6	Poudre d'os "Globe".	
	6	".....	504
	6	Globe No. 1.....	745
	6	".....	745
	6	Globe Fish Meal.....	825
	6	Déchets de poisson "Globe".	
	6	".....	825
	6	Globe Muriate of Potash.....	
	6	Muriate de potasse "Globe".	
	6	Globe Nitrate of Soda.....	
	6	Nitrate de soude "Globe".	
	6	Globe Sulphate of Ammonia.....	
	6	Sulfate d'ammoniaque "Globe".	
	6	Superphosphate.....	
Grasselli Chemical Co., Ltd., The, Toronto, Ont.	4	Grasselli Odorless Plant Food.....	805
Gregory, F. R., Leamington, Ont.....	4	Engrais inodore "Grasselli".	
	4	Superphosphate.....	
Gunn's Ltd., West Toronto, Ont.....	2	Shur-Gain 2-8-2.....	240
	2	Shur-Gain 2-8-4.....	248
	2	Shur-Gain Extra Rich 3-8-10.....	529
	2	" 3-8-10.....	529
	2	Superphosphate.....	
	3	Shur-Gain 2-8-4.....	248
	3	" 4-8-4.....	250
	3	" 4-8-4.....	250
	3	" 5-8-7.....	253
	3	Shur-Gain bone meal.....	256
	3	Poudre d'os "Shur-gain".	
	3	Shur-Gain 2-8-10.....	524
	3	" 2-8-10.....	524
	3	" 2-8-10.....	524
	3	Shur-Gain 2-12-6.....	525
	3	Shur-Gain 4-12-4.....	799
	3	Shur-Gain 4-8-10.....	857
	4	Shur-Gain 2-8-2.....	240
	4	Shur-Gain 0-10-4.....	246
	4	" 0-10-4.....	246
	4	Shur-Gain 2-8-4.....	248
	4	" 2-8-4.....	248
	4	" 2-8-4.....	248
	4	" 2-8-4.....	248
	4	Shur-Gain 4-8-4.....	250
	4	" 4-8-4.....	250
	4	" 4-8-4.....	250

FERTILIZER ANALYSES, 1927-28

ANALYSES D'ENGRAIS CHIMIQUES, 1927-28

Guaranteed—Analyse garantie						Found—Analyse officielle					
Water Soluble Nitrogen Azote soluble dans l'eau	Total Nitrogen Totalité d'azote	Available Phosphoric Acid Acide phosphorique assimilable	Total Phosphoric Acid Totalité d'acide phosphorique	Potash Soluble in water Potasse soluble dans l'eau	Fineness Finesse	Water Soluble Nitrogen Azote soluble dans l'eau	Total Nitrogen Totalité d'azote	Available Phosphoric Acid Acide phosphorique assimilable	Total Phosphoric Acid Totalité d'acide phosphorique	Potash Soluble in water Potasse soluble dans l'eau	Fineness Finesse
p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.
1.40	2.0	8.0	.....	2.0	.....	1.4	1.71	8.2	8.7	1.95	.....
1.40	2.0	8.0	.....	2.0	.....	1.4	2.0	9.0	9.8	2.0	.....
.....	.....	12.0	.....	12.0	.....	.....	.....	12.0	12.8	11.65	.....
1.4	2.0	12.0	.....	6.0	.....	1.4	2.02	12.3	13.2	5.8	.....
2.8	4.0	8.0	.....	10.0	.....	2.8	3.78	9.2	10.1	8.1	.....
2.8	4.0	8.0	.....	10.0	.....	2.8	4.05	8.6	9.4	9.7	.....
2.8	4.0	8.0	.....	10.0	.....	2.8	4.0	8.5	9.2	9.5	.....
.....	5.0	8.0	.....	7.0	.....	.....	4.7	9.5	10.3	6.0	.....
.....	.....	16.0	.....	.....	.....	.....	.....	16.9	.....	.....	.....
.....	.....	16.0	.....	.....	.....	.....	.....	16.4	.....	.....	.....
.....	.....	16.0	.....	.....	.....	.....	.....	16.1	.....	.....	.....
.....	.....	16.0	.....	.....	.....	.....	.....	16.5	.....	.....	.....
.....	.....	16.0	.....	.....	.....	.....	.....	16.8	.....	.....	.....
3.0	3.0	10.0	10.0	7.0	.....	3.1	3.1	11.0	11.6	9.6	.....
3.0	3.0	10.0	10.0	7.0	.....	3.15	3.15	11.0	11.5	7.4	.....
3.0	3.0	10.0	10.0	7.0	.....	3.2	3.2	10.7	11.2	7.3	.....
.....	3.0	.....	22.0	.....	.....	.....	3.4	.....	22.5	.....	.....
.....
.....	3.0	.....	22.0	.....	.....	.....	3.7	.....	22.1	.....	.....
2.0	4.0	6.0	10.0	4.0	.....	2.5	4.3	8.1	11.7	6.6	.....
2.0	4.0	6.0	10.0	4.0	.....	2.8	4.6	7.5	10.9	4.6	.....
.....	8.0	5.0	8.0	.....	.....	.....	11.2	.....	5.3	.....	.....
.....
.....	8.0	5.0	8.0	.....	.....	.....	12.3	.....	3.7	.....	.....
.....	.....	.....	.....	50.0	.....	.....	.....	.....	.....	49.2	.....
.....
15.0	.....	.....	.....	.....	.....	16.2	.....	.....	.....	.....	.....
20.0	.....	.....	.....	.....	.....	20.6	.....	.....	.....	.....	.....
.....
.....	.....	16.0	.....	.....	.....	.....	.....	16.4	.....	.....	.....
4.12	4.12	13.0	15.0	4.0	.....	3.95	3.95	15.5	16.5	4.03	.....
.....	.....	16.0	.....	.....	.....	.....	.....	16.9	.....	.....	.....
.....	.....	16.0	.....	.....	.....	.....	.....	16.6	.....	.....	.....
.....	2.0	8.0	8.5	2.0	.....	.....	1.7	8.3	8.8	2.1	.....
.....	2.0	8.0	8.5	4.0	.....	.....	1.8	7.1	8.4	3.5	.....
.....	3.0	8.0	8.5	10.0	.....	.....	2.9	7.8	9.6	10.4	.....
.....	3.0	8.0	8.5	10.0	.....	.....	3.4	8.1	8.7	8.6	.....
.....	.....	16.0	.....	.....	.....	.....	.....	17.0	.....	.....	.....
.....	2.0	8.0	8.5	4.0	.....	.....	2.3	6.7	8.6	4.9	.....
.....	4.0	8.0	8.5	4.0	.....	.....	2.3	9.0	12.3	2.2	.....
.....	4.0	8.0	8.5	4.0	.....	.....	3.0	7.7	9.7	8.0	.....
.....	5.0	8.0	8.5	7.0	.....	.....	4.6	8.2	9.7	5.7	.....
.....	2.0	11.0	22.0	.....	.....	.....	2.66	16.5	27.1	.....	.....
.....
.....	2.0	8.0	8.5	10.0	.....	.....	3.1	8.1	10.5	7.7	.....
.....	2.0	8.0	8.5	10.0	.....	.....	2.2	7.3	8.4	8.6	.....
.....	2.0	8.0	8.5	10.0	.....	.....	2.2	7.8	10.1	10.2	.....
.....	2.0	12.0	12.5	6.0	.....	.....	2.1	12.1	12.5	4.4	.....
.....	4.0	12.0	12.5	4.0	.....	.....	3.3	11.3	13.1	6.5	.....
.....	4.0	8.0	8.5	10.0	.....	.....	4.1	7.5	9.7	10.4	.....
.....	2.0	8.0	8.5	2.0	.....	.....	1.95	8.7	9.8	2.1	.....
.....	.....	10.0	10.5	4.0	.....	.....	.....	9.0	9.6	4.03	.....
.....	.....	10.0	10.5	4.0	.....	.....	.....	10.5	11.3	3.7	.....
.....	2.0	8.0	8.5	4.0	.....	.....	1.83	9.8	10.6	4.4	.....
.....	2.0	8.0	8.5	4.0	.....	.....	2.15	9.1	10.2	3.8	.....
.....	2.0	8.0	8.5	4.0	.....	.....	3.78	10.9	12.1	3.9	.....
.....	2.0	8.0	8.5	4.0	.....	.....	2.3	9.2	10.3	3.65	.....
.....	4.0	8.0	8.5	4.0	.....	.....	3.2	8.5	9.3	6.4	.....
.....	4.0	8.0	8.5	4.0	.....	.....	4.15	9.1	9.7	4.5	.....
.....	4.0	8.0	8.5	4.0	.....	.....	4.05	10.2	11.0	4.2	.....

Manufacturer, Importer or Vendor Fabricant, importateur ou vendeur	Inspection District No. — N° du district d'inspec- tion	Brand Name — Nom de fabrique	Regis- tration Number — Numéro de l'enre- gistre- ment
Gunn's Ltd., West Toronto, Ont. (cont'd)	4	Shur Gain 5-12-0	251
	4	Shur Gain 4-8-6	252
	4	" 4-8-6	252
	4	" 4-8-6	252
	4	Shur Gain 5-8-7	253
	4	" 5-8-7	253
	4	" 5-8-7	253
	4	" 5-8-7	253
	4	Shur Gain bone meal	256
		<i>Poudre d'os "Shur-gain".</i>	
	4	Shur Gain 2-9-2	425
	4	" 2-9-2	425
	4	" 2-9-2	425
	4	" 2-9-2	425
	4	" 2-9-2	425
	4	" 2-9-2	425
	4	Shur Gain 2-8-10	524
	4	Shur Gain 2-12-6	525
	4	" 2-12-6	525
	4	" 2-12-6	525
	4	" 2-12-6	525
	4	Shur Gain Tankage	526
		<i>Viande desséchée "Shur-gain".</i>	
	4	Shur Gain 2-12-2	565
	4	" 2-12-2	565
	4	" 2-12-2	565
	4	" 2-12-2	565
	4	" 2-12-2	565
	4	Shur Gain 0-12-5	566
	4	" 0-12-5	566
	4	" 0-12-5	566
	4	" 0-12-5	566
	4	" 0-12-5	566
	4	" 0-12-5	566
	4	" 0-12-5	566
	4	Shur Gain 4-12-4	799
	4	" 4-12-4	799
	4	" 4-12-4	799
	4	Shur Gain 5-12-2	844
	4	Shur Gain 3-10-5	845
	4	Shur Gain 4-8-10	857
	4	" 4-8-10	857
	4	Superphosphate	
	4	"	
	4	"	
	4	"	
	4	"	
Gunn, D. W., Ltd., Toronto, Ont.	3	D. W. 4-24-12	828
	3	Superphosphate	
	4	D. W. 4-24-12	828
	4	" 4-24-12	828
	4	" 4-24-12	828
	4	D. W. 0-24-10	829
	4	" 0-24-10	829
	4	D. W. 4-18-4	830
	4	" 4-24-4	831
	4	" 4-24-4	831

FERTILIZER ANALYSES, 1927-28

ANALYSES D'ENGRAIS CHIMIQUES, 1927-28

Guaranteed—Analyse garantie						Found—Analyse officielle					
Water Soluble Nitrogen Azote soluble dans l'eau	Total Nitrogen Totalité d'azote	Available Phosphoric Acid Acide phosphorique assimilable	Total Phosphoric Acid Totalité d'acide phosphorique	Potash Soluble in water Potasse soluble dans l'eau	Finesness Finesse	Water Soluble Nitrogen Azote soluble dans l'eau	Total Nitrogen Totalité d'azote	Available Phosphoric Acid Acide phosphorique assimilable	Total Phosphoric Acid Totalité d'acide phosphorique	Potash Soluble in water Potasse soluble dans l'eau	Finesness Finesse
p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.
5.0	12.0	12.0	12.5				4.3	14.0	15.5		
4.0	8.0	8.0	8.5	6.0			3.92	11.5	12.7	6.7	
4.0	8.0	8.0	8.5	6.0			3.0	9.2	10.5	5.85	
4.0	8.0	8.0	8.5	6.0			2.4	8.3	9.6	10.2	
5.0	8.0	8.0	8.5	7.0			4.05	8.0	9.6	8.1	
5.0	8.0	8.0	8.5	7.0			5.15	8.8	10.3	7.2	
5.0	8.0	8.0	8.5	7.0			4.13	9.1	10.2	9.3	
5.0	8.0	8.0	8.5	7.0			4.05	9.5	10.3	8.1	
2.0	11.0	22.0					2.9	11.1	25.2		
2.0	9.0	9.5	2.0				2.15	9.9	11.6	2.0	
2.0	9.0	9.5	2.0				1.72	9.0	9.7	2.1	
2.0	9.0	9.5	2.0				2.20	8.7	9.5	1.6	
2.0	9.0	9.5	2.0				2.20	9.5	11.2	1.85	
2.0	9.0	9.5	2.0				2.7	11.4	14.3	2.0	
2.0	9.0	9.5	2.0				2.08	10.3	11.7	1.5	
2.0	9.0	9.5	2.0				2.3	10.5	11.5	1.9	
2.0	8.0	8.5	10.0				2.0	9.1	9.9	10.0	
2.0	12.0	12.5	6.0				2.03	12.8	14.2	7.3	
2.0	12.0	12.5	6.0				1.65	13.0	14.6	6.03	
2.0	12.0	12.5	6.0				2.5	12.2	13.6	5.2	
2.0	12.0	12.5	6.0				1.7	12.0	13.7	6.2	
6.0	9.15	15.0					7.1	9.9	15.0		
2.0	12.0	12.5	2.0				1.94	14.2	15.0	2.06	
2.0	12.0	12.5	2.0				1.86	12.0	12.8	2.1	
2.0	12.0	12.5	2.0				2.08	13.5	15.1	2.05	
2.0	12.0	12.5	2.0				1.4	12.0	13.3	2.02	
2.0	12.0	12.5	2.0				1.80	12.5	14.7	1.85	
2.0	12.0	12.5	2.0				1.62	12.4	13.7	2.6	
	12.0	12.5	5.0					11.5	12.4	5.8	
	12.0	12.5	5.0					12.5	13.1	4.7	
	12.0	12.5	5.0					12.6	13.1	5.1	
	12.0	12.5	5.0					11.8	12.4	4.6	
	12.0	12.5	5.0					12.1	12.9	5.1	
	12.0	12.5	5.0					12.7	13.7	4.85	
	12.0	12.5	5.0					12.0	12.7	4.7	
	12.0	12.5	5.0					12.0	12.6	5.03	
	12.0	12.5	5.0					12.5	14.0	5.1	
	12.0	12.5	4.0				3.9	13.3	14.5	4.25	
4.0	12.0	12.5	4.0				3.7	12.3	14.5	4.15	
4.0	12.0	12.5	4.0				3.3	9.3	9.7	4.04	
4.0	12.0	12.5	4.0				4.03	13.5	14.6	2.5	
5.0	12.0	13.0	2.0				2.1	11.2	12.3	7.5	
3.0	10.0	10.5	5.0				3.6	9.9	11.3	10.0	
4.0	8.0	8.5	10.0				3.05	9.7	11.1	10.1	
4.0	8.0	8.5	10.0								
	16.0							16.0			
	16.0							16.9			
	16.0							16.3			
	16.0							16.6			
	16.0							16.8			
	16.0							16.6			
4.0	24.0	25.0	12.0				4.2	21.3	22.3	13.7	
	16.0							16.0			
4.0	24.0	25.0	12.0				4.0	23.4	24.5	12.2	
4.0	24.0	25.0	12.0				3.85	24.4	25.5	11.4	
4.0	24.0	25.0	12.0				3.71	24.0	25.3	11.1	
	24.0	25.0	10.0					24.1	26.8	10.06	
	24.0	25.0	10.0					24.8	25.8	9.6	
4.0	18.0	19.0	4.0				4.2	18.5	20.1	4.0	
4.0	24.0	25.0	4.0				3.7	24.8	25.7	4.11	
4.0	24.0	25.0	4.0				2.66	23.7	24.6	5.9	

Manufacturer, Importer or Vendor Fabricant, importateur ou vendeur	Inspection District No. N° du district d'inspection	Brand Name Nom de fabrique	Registration Number Numéro de l'enre- gistre- ment
Gunn, D. W., Ltd., Toronto, Ont. (cont'd)...	4	D. W. 8-16-12.....	832
	4	" 8-16-12.....	832
	4	D. W. 2-8-10.....	847
	4	" 2-8-10.....	847
	4	D. W. 8-16-20.....	851
	4	D. W. 4-16-20.....	852
	4	" 4-16-20.....	852
	4	D. W. 6-16-12.....	853
	4	D. W. 3-8-6.....	854
	4	D. W. 0-20-20.....	855
	4	D. W. 4-8-6.....	882
	4	" 4-8-6.....	882
	4	D. W. 2-12-2.....	897
	4	D. W. 6-16-8.....	P.
Harris & Co., Ltd., W., Toronto, Ont.....	4	Superphosphate.....	
	4	Brand "H".....	379
	4	".....	379
	4	Harris Bone Meal.....	758
	4	Poudre d'os "Harris".	
	4	".....	758
Home Mixed Fertilizers, Ltd., Hartland, N.B.	1	Home Mixed Tankage No. 1.....	628
		<i>Viande desséchée N° 1 "Home Mixed".</i>	
	1	Home Mixed Muriate of Potash.....	
	1	<i>Muriate de potasse "Home Mixed".</i>	
	1	".....	
	1	Superphosphate.....	
International Agricultural Corporation, Buff- alo, U.S.A.	2	Québec Qualité.....	809
	2	<i>Quebec Quality</i>	
	2	High Grade Manure Formula "B".....	823
	2	<i>Nitrate of Soda.</i>	
	2	<i>Nitrate de soude.</i>	
	2	Sulphate of Potash.....	
	2	<i>Sulfate de potasse.</i>	
	2	Superphosphate.....	
	2	".....	
	2	".....	
	4	Ideal (Buffalo).....	195
	4	".....	195
	4	".....	195
	4	Economy (Buffalo).....	196
	4	Ten-Ten (Buffalo).....	197
	4	".....	197
	4	".....	197
	4	Triumph (Buffalo).....	202
	4	".....	202
	4	Supreme.....	203
	4	".....	203
	4	".....	203
	4	Superphosphate and Potash.....	204
	4	<i>Superphosphate et potasse.</i>	
	4	".....	204
	4	".....	204
	4	Buffalo "S. X.".....	509
	4	".....	509
	4	".....	509
	4	Premium Producer.....	786
	4	".....	786

FERTILIZER ANALYSES, 1927-28

ANALYSES D'ENGRAIS CHIMIQUES, 1927-28

Guaranteed—Analyse garantie						Found—Analyse officielle					
Water Soluble Nitrogen Azote soluble dans l'eau	Total Nitrogen Totalité d'azote	Available Phosphoric Acid Acide phosphorique assimilable	Total Phosphoric Acid Totalité d'acide phosphorique	Potash Soluble in water Potasse soluble dans l'eau	Finesness Finesse	Water Soluble Nitrogen Azote soluble dans l'eau	Total Nitrogen Totalité d'azote	Available Phosphoric Acid Acide phosphorique assimilable	Total Phosphoric Acid Totalité d'acide phosphorique	Potash Soluble in water Potasse soluble dans l'eau	Finesness Finesse
p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.
.....	8.0	16.0	17.0	12.0	.....	.....	8.02	16.5	17.4	11.5	.....
.....	8.0	16.0	17.0	12.0	.....	.....	7.5	16.8	17.6	11.9	.....
.....	2.0	8.0	9.0	10.0	.....	.....	2.1	8.8	10.3	10.15	.....
.....	2.0	8.0	9.0	10.0	.....	.....	2.08	8.3	9.6	10.2	.....
.....	8.0	16.0	17.0	20.0	.....	.....	7.55	16.0	16.9	20.01	.....
.....	4.0	16.0	17.0	20.0	.....	.....	5.1	16.1	16.8	20.0	.....
.....	4.0	16.0	17.0	20.0	.....	.....	4.0	16.1	17.2	20.0	.....
.....	6.0	16.0	17.0	12.0	.....	.....	5.4	16.1	17.4	10.7	.....
.....	3.0	8.0	9.0	6.0	.....	.....	3.25	8.2	9.8	6.1	.....
.....	.....	20.0	21.0	20.0	.....	.....	.....	20.6	21.8	16.9	.....
.....	4.0	8.0	9.0	6.0	.....	.....	4.1	9.1	10.0	5.0	.....
.....	4.0	8.0	9.0	6.0	.....	.....	3.9	8.0	9.3	6.1	.....
.....	2.0	12.0	13.0	2.0	.....	.....	2.07	12.7	14.2	2.05	.....
.....	6.0	16.0	.....	8.0	.....	.....	6.0	16.0	17.2	7.5	.....
.....	.....	16.0	.....	.....	.....	.....	.....	16.0	.....	.....	.....
.....	4.0	9.5	14.0	.....	.....	.....	3.9	10.7	17.9	.....	.....
.....	4.0	9.5	14.0	.....	.....	.....	4.55	12.0	15.3	.....	.....
.....	2.0	10.0	25.0	.....	.....	.....	2.1	12.5	26.0	.....	.....
.....
.....	2.0	10.0	25.0	.....	.....	.....	2.8	15.2	22.6	.....	.....
.....	8.22	6.0	6.0	.....	.....	.....	7.9	6.0	8.3	.....	.....
.....	.....	.....	.....	48.0	.....	.....	.....	.....	.....	48.1	.....
.....	.....	.....	.....	48.0	.....	.....	.....	.....	.....	50.31	.....
.....	.....	16.0	.....	.....	.....	.....	.....	16.0	.....	.....	.....
1.3	3.29	9.0	10.0	5.0	.....	2.1	3.3	8.6	8.9	5.2	.....
1.3	3.29	8.0	9.0	10.0	.....	2.5	3.0	8.5	8.7	10.1	.....
15.0	.....	.....	.....	.....	.....	16.0	.....	.....	.....	.....	.....
.....	.....	.....	.....	48.0	.....	.....	.....	.....	.....	52.6	.....
.....	.....	18.0	.....	.....	.....	.....	.....	18.3	.....	.....	.....
.....	.....	16.0	.....	.....	.....	.....	.....	16.5	.....	.....	.....
.....	.....	16.0	.....	.....	.....	.....	.....	16.2	.....	.....	.....
.80	2.0	8.0	9.0	4.0	.....	.....	1.92	8.5	9.6	4.06	.....
.80	2.0	8.0	9.0	4.0	.....	.....	1.95	9.4	11.2	4.0	.....
.80	2.0	8.0	9.0	4.0	.....	.....	2.2	9.0	9.5	4.02	.....
.80	2.0	8.0	9.0	2.0	.....	.....	2.35	9.1	10.0	3.1	.....
.....	.....	10.0	11.0	10.0	.....	.....	.....	10.0	11.2	10.05	.....
.....	.....	10.0	11.0	10.0	.....	.....	.....	10.6	12.2	10.0	.....
.....	.....	10.0	11.0	10.0	.....	.....	.....	10.0	11.4	10.05	.....
1.2	3.0	8.0	9.0	6.0	.....	.....	3.0	8.8	10.0	5.8	.....
1.2	3.0	8.0	9.0	6.0	.....	.....	3.1	8.1	9.0	5.5	.....
.80	2.0	8.0	9.0	10.0	.....	.....	2.0	8.2	9.2	10.2	.....
.80	2.0	8.0	9.0	10.0	.....	.....	2.15	8.4	9.5	10.0	.....
.80	2.0	8.0	9.0	10.0	.....	.....	2.0	9.4	10.5	10.3	.....
.....	.....	10.0	11.0	4.0	.....	.....	.....	10.9	11.1	4.1	.....
.....	.....	10.0	11.0	4.0	.....	.....	.....	10.5	11.3	4.1	.....
.....	.....	10.0	11.0	4.0	.....	.....	.....	10.2	11.8	4.5	.....
1.60	4.0	8.0	9.0	6.0	.....	.....	4.0	9.2	10.6	6.1	.....
1.60	4.0	8.0	9.0	6.0	.....	.....	3.75	8.5	9.0	5.5	.....
1.60	4.0	8.0	9.0	6.0	.....	.....	4.2	9.0	10.6	6.0	.....
1.2	3.0	12.0	13.0	5.0	.....	.....	3.07	12.1	13.0	5.1	.....
1.2	3.0	12.0	13.0	5.0	.....	.....	3.0	12.0	13.0	5.0	.....

FERTILIZER ANALYSES, 1927-28

ANALYSES D'ENGRAIS CHIMIQUES, 1927-28

Guaranteed—Analyse garantie						Found—Analyse officielle					
Water Soluble Nitrogen Azote soluble dans l'eau	Total Nitrogen Totalité d'azote	Available Phosphoric Acid Acide phosphorique assimilable	Total Phosphoric Acid Totalité d'acide phosphorique	Potash Soluble in water Potasse soluble dans l'eau	Finesness Finesse	Water Soluble Nitrogen Azote soluble dans l'eau	Total Nitrogen Totalité d'azote	Available Phosphoric Acid Acide phosphorique assimilable	Total Phosphoric Acid Totalité d'acide phosphorique	Potash Soluble in water Potasse soluble dans l'eau	Finesness Finesse
p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.
1.6	4.0	10.0	11.0	6.0		15.5	3.9	10.6	11.5	5.9	
14.81											
		16.0						16.6			
		16.0						16.2			
		16.0						16.3			
		16.0						16.1			
		20.0						20.3			
		15.0	17.0		80.0			14.6	16.6		81.3
		14.0	16.0		80.0			14.3	16.9		71.2
		14.0	16.0		80.0			14.3	16.2		79.8
1.0	2.0	5.0	6.0	6.0		1.0	2.0	4.8	5.1	6.1	
1.0	2.0	5.0	6.0	6.0		1.7	1.7	5.0	5.3	5.6	
		8.0	9.0	5.0				8.2	8.8	5.4	
		8.0	9.0	5.0				8.0	8.1	4.9	
2.0	3.0	8.0	9.0	6.0		2.6	2.8	7.4	8.3	6.2	
1.0	2.0	8.0	9.0	10.0		1.9	1.9	8.4	8.4	9.0	
1.0	2.0	8.0	9.0	10.0		2.1	2.1	8.5	9.0	10.0	
4.0	5.0	6.0	7.0	9.0		5.0	5.0	5.8	6.1	7.9	
	2.0	12.0		7.5			1.8	12.0	12.1	8.5	
15.0						16.0					
	8.5	5.25	8.03				7.0	5.1	8.0		
0.6	2.0	6.0	7.0	10.0		0.6	1.8	5.7	6.5	12.0	
0.6	2.0	6.0	7.0	10.0		0.6	2.0	8.0	9.8	11.8	
0.6	2.0	6.0	7.0	10.0		0.6	2.0	8.6	11.4	8.4	
0.6	2.0	6.0	7.0	10.0		0.6	1.9	7.5	11.4	10.1	
0.6	2.0	6.0	7.0	10.0		0.6	1.8	6.5	10.7	11.1	
		10.0	11.0	2.0				15.2	15.7	2.0	
		10.0	11.0	2.0				9.7	10.2	2.0	
		10.0	11.0	2.0				9.7	10.3	1.6	
1.0	4.0	8.0	10.0			1.0	3.8	9.0	17.1		
1.0	4.0	8.0	10.0	4.0		1.0	3.1	8.3	11.3	5.1	
1.0	4.0	8.0	10.0	4.0		1.0	3.7	8.6	12.7	4.0	
0.6	2.0	8.0	10.0	2.0		0.6	2.0	8.9	12.0	2.6	
0.6	2.0	8.0	10.0	4.0		0.6	1.5	9.9	11.9	3.8	
0.6	2.0	8.0	10.0	4.0		0.6	3.0	10.0	11.6	3.1	
	3.0	8.0	9.0	6.0			2.9	8.5	10.7	5.3	
				48.0						48.0	
15.0						16.0					
20.0						20.5					
20.0				48.0		20.8				47.2	
				48.0						49.3	
		16.0						16.0			
		16.0						17.2			
		16.0						16.8			
		16.0						16.0			
		16.0						16.6			
20.5						21.0					

Manufacturer, Importer or Vendor Fabricant, importateur ou vendeur	Inspection District No. N° du district d'inspection	Brand Name Nom de fabrique	Registration Number Numéro de l'enregistrement
Mueller Process Co., Inc., St. Johns, Michigan, U.S.A.	4	Mueller 2-12-2.....	895
National Fertilizers Ltd., Ingersoll, Ont.	4	Muller 2-12-6.....	896
	2	National 2-8-10.....	433
	2	National 2-8-4.....	458
	2	National 2-8-12.....	572
	2	National Muriate of Potash.....	
	2	<i>Muriate de potasse "National".</i>	
	2	National Nitrate of Soda.....	
	2	<i>Nitrate de soude "National".</i>	
	2	National Sulphate of Ammonia.....	
	2	<i>Sulfate d'ammoniaque "National".</i>	
	2	National Sulphate of Potash.....	
	2	<i>Sulfate de potasse "National".</i>	
	3	Superphosphate.....	
	3	National Tankage.....	446
	3	<i>Viande desséchée "National".</i>	
	3	National 5-8-7.....	512
	3	National 4-8-10.....	573
	3	National 4-12-4.....	662
	3	" 4-12-4.....	662
	3	Superphosphate.....	
	4	National 2-12-2.....	429
	4	" 2-12-2.....	429
	4	" 2-12-2.....	429
	4	" 2-12-2.....	429
	4	" 2-12-2.....	429
	4	National 0-10-4.....	435
	4	" 0-10-4.....	435
	4	National Tankage.....	446
	4	<i>Viande desséchée "National".</i>	
	4	National Bone Meal.....	447
	4	<i>Poudre d'os "National".</i>	
	4	".....	447
	4	National Ground Blood.....	448
	4	<i>Sang desséché moulu "National."</i>	
	4	National 2-8-4.....	458
	4	National 0-12-5.....	459
	4	" 0-12-5.....	459
	4	" 0-12-5.....	459
	4	" 0-12-5.....	459
	4	" 0-12-5.....	459
	4	" 0-12-5.....	459
	4	National 4-8-4.....	460
	4	" 4-8-4.....	460
	4	National 5-8-7.....	512
	4	" 5-8-7.....	512
	4	National 5-10-5.....	571
	4	" 5-10-5.....	571
	4	National 2-8-12.....	572
	4	National 4-8-10.....	573
	4	" 4-8-10.....	573
	4	National 3-8-10.....	600
	4	National 0-12-15.....	602
	4	" 0-12-15.....	602
	4	" 0-12-15.....	602
	4	" 0-12-15.....	602
	4	" 0-12-15.....	602
	4	National 4-9-4.....	607
	4	" 4-9-4.....	607

FERTILIZER ANALYSES, 1927-28

ANALYSES D'ENGRAIS CHIMIQUES, 1927-28

Guaranteed—Analyse garantie						Found—Analyse officielle					
Water Soluble Nitrogen Azote soluble dans l'eau	Total Nitrogen Totalité d'azote	Available Phosphoric Acid Acide phosphorique assimilable	Total Phosphoric Acid Totalité d'acide phosphorique	Potash Soluble in water Potasse soluble dans l'eau	Finesness Finesse	Water Soluble Nitrogen Azote soluble dans l'eau	Total Nitrogen Totalité d'azote	Available Phosphoric Acid Acide phosphorique assimilable	Total Phosphoric Acid Totalité d'acide phosphorique	Potash Soluble in water Potasse soluble dans l'eau	Finesness Finesse
p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.
1.0	2.0	12.0	13.0	2.0	.....	.....	2.16	12.6	13.7	1.7	.....
1.0	2.0	12.0	13.0	6.0	.....	.....	1.4	11.6	12.2	6.03	.....
.....	2.0	8.0	.....	10.0	.....	.....	2.1	7.7	8.1	11.3	.....
.....	2.0	8.0	.....	4.0	.....	.....	2.0	7.2	7.7	4.0	.....
.....	2.0	8.0	.....	12.0	.....	.....	2.1	8.0	8.4	12.0	.....
.....	.....	.....	.....	48.0	.....	.....	.....	.....	.....	48.6	.....
15.5	.....	.....	.....	.....	.....	15.5	.....	.....	.....	.....	.....
20.0	.....	.....	.....	.....	.....	20.7	.....	.....	.....	.....	.....
.....	.....	.....	.....	48.0	.....	.....	.....	.....	.....	51.1	.....
.....	.....	16.0	.....	.....	.....	.....	.....	16.8	.....	.....	.....
.....	6.0	6.0	15.0	.....	.....	.....	6.0	5.0	11.7	.....	.....
.....	5.0	8.0	.....	7.0	.....	.....	4.7	7.5	7.8	10.1	.....
.....	4.0	8.0	.....	10.0	.....	.....	3.3	10.7	11.3	11.8	.....
.....	4.0	12.0	.....	4.0	.....	.....	4.0	13.2	13.9	2.9	.....
.....	4.0	12.0	.....	4.0	.....	.....	4.27	12.6	13.2	3.8	.....
.....	.....	16.0	.....	.....	.....	.....	.....	16.3	.....	.....	.....
.....	.....	16.0	.....	.....	.....	.....	.....	16.2	.....	.....	.....
.....	2.0	12.0	.....	2.0	.....	.....	2.06	14.5	15.5	2.2	.....
.....	2.0	12.0	.....	2.0	.....	.....	2.13	12.1	13.1	2.15	.....
.....	2.0	12.0	.....	2.0	.....	.....	2.11	12.5	13.4	2.1	.....
.....	2.0	12.0	.....	2.0	.....	.....	2.27	12.1	13.3	2.2	.....
.....	2.0	12.0	.....	2.0	.....	.....	2.32	11.7	12.7	2.03	.....
.....	2.0	12.0	.....	2.0	.....	.....	2.25	12.6	13.1	2.0	.....
.....	.....	10.0	.....	4.0	.....	.....	.....	11.1	11.5	4.2	.....
.....	.....	10.0	.....	4.0	.....	.....	.....	11.2	11.8	5.4	.....
.....	6.0	6.0	15.0	.....	.....	.....	6.8	6.0	7.7	6.3	.....
.....
.....	2.0	10.0	22.0	.....	.....	.....	3.5	11.6	2.44	.....	.....
.....
.....	2.0	10.0	22.0	.....	.....	.....	4.4	12.9	18.9	.....	.....
.....	12.0	.....	.....	.....	.....	.....	11.4	.....	.....	.....	.....
.....
.....	2.0	8.0	.....	4.0	.....	.....	2.01	9.6	10.1	3.9	.....
.....	12.0	12.0	.....	5.0	.....	.....	.....	12.2	12.8	5.9	.....
.....	12.0	12.0	.....	5.0	.....	.....	.....	12.3	12.9	5.1	.....
.....	12.0	12.0	.....	5.0	.....	.....	.....	12.0	12.5	5.05	.....
.....	12.0	12.0	.....	5.0	.....	.....	.....	12.0	12.6	5.1	.....
.....	12.0	12.0	.....	5.0	.....	.....	.....	12.0	12.4	5.05	.....
.....	12.0	12.0	.....	5.0	.....	.....	.....	13.1	13.7	4.9	.....
.....	4.0	8.0	.....	4.0	.....	.....	4.2	9.8	10.7	3.6	.....
.....	4.0	8.0	.....	4.0	.....	.....	4.13	9.6	10.3	3.5	.....
.....	5.0	8.0	.....	7.0	.....	.....	5.4	8.1	8.9	6.7	.....
.....	5.0	8.0	.....	7.0	.....	.....	5.15	8.1	8.6	6.5	.....
.....	5.0	10.0	.....	5.0	.....	.....	5.2	12.3	13.0	5.0	.....
.....	5.0	10.0	.....	5.0	.....	.....	4.7	13.2	14.0	5.05	.....
.....	2.0	8.0	.....	12.0	.....	.....	2.24	9.2	9.7	12.1	.....
.....	4.0	8.0	.....	10.0	.....	.....	3.85	8.9	9.4	10.06	.....
.....	4.0	8.0	.....	10.0	.....	.....	4.07	8.6	9.2	9.5	.....
.....	3.0	8.0	.....	10.0	.....	.....	3.3	9.2	10.0	8.2	.....
.....	.....	12.0	.....	15.0	.....	.....	.....	13.8	14.5	15.06	.....
.....	12.0	.....	.....	15.0	.....	.....	.....	12.0	12.5	15.4	.....
.....	12.0	.....	.....	15.0	.....	.....	.....	13.7	14.5	15.1	.....
.....	12.0	.....	.....	15.0	.....	.....	.....	12.7	13.3	14.5	.....
.....	12.0	.....	.....	15.0	.....	.....	.....	12.4	13.0	15.4	.....
.....	4.0	9.0	.....	4.0	.....	.....	3.85	9.8	10.5	5.1	.....
.....	4.0	9.0	.....	4.0	.....	.....	4.25	13.9	14.6	5.1	.....

Manufacturer, Importer or Vendor Fabricant, importateur ou vendeur	Inspection District No. N° du district d'inspection	Brand Name Nom de fabrique	Registration Number Numéro de l'enregistrement
National Fertilizers Ltd., Ingersoll, Ont. (cont'd).	4	National 4-8-6.....	652
	4	" 4-8-6.....	652
	4	National 4-12-4.....	662
	4	" 4-12-4.....	662
	4	" 4-12-4.....	662
	4	" 4-12-4.....	662
	4	" 4-12-4.....	662
	4	" 4-12-4.....	662
	4	" 4-12-4.....	662
	4	National 5-10-2.....	706
	4	National 5-12-5.....	707
	4	" 5-12-5.....	707
	4	National 2-12-6.....	752
	4	" 2-12-6.....	752
	4	" 2-12-6.....	752
	4	" 2-12-6.....	752
	4	" 2-12-6.....	752
	4	" 2-12-6.....	752
	4	" 2-12-6.....	752
	4	National 2-16-4.....	796
	4	" 2-16-4.....	796
	4	" 2-16-4.....	796
	4	" 2-16-4.....	796
	4	National 0-16-4.....	797
	4	" 0-16-4.....	797
	4	" 0-16-4.....	797
	4	Chatham 2-12-3.....	807
	4	National 2-10-6.....	863
	4	Superphosphate.....	
	4	".....	
	4	".....	
	4	".....	
	4	".....	
	4	".....	
	4	".....	
	4	".....	
	4	".....	
	4	".....	
	5	Stone's Nitrate of Soda.....	
N.B. Agricultural Societies United, East Centreville, N.B.	1	Nitrate de soude "Stone's".	
	1	N.B. Muriate of Potash.....	
	1	Muriate de potasse "N.B.". ..	
	1	Superphosphate.....	
Noy & Co., P. J., Hunter River, P.E.I.....	1	".....	
	1	Nitrate of Soda.....	
	1	Nitrate de soude.....	
	1	Muriate of Potash.....	
	1	Muriate de potasse.....	
Nova Scotia Fertilizer Co., Ltd., Halifax, N.S.	1	Scotia High Grade.....	690
	1	Scotia 10% Compound.....	756
	1	Composé 10% "Scotia". ..	
	1	Scotia Belgian Basic Slag.....	
	1	Scories basiques belges "Scotia".	
	1	Superphosphate.....	

Manufacturer, Importer or Vendor Fabricant, importateur ou vendeur	Inspection District No. N° du district d'inspection	Brand Name Nom de fabrique	Registration Number Numéro de l'enregistrement
N. V. Potash Export My., New York, U.S.A.	2	Muriate de potasse.....	
		<i>Muriate of potash</i>	
Ober & Son, G. Baltimore, Maryland, U.S.A.	4	Gregory's No. 1.....	305
	4	Gregory's No. 2.....	305
	4	Gregory's Gold Dust.....	521
	4	Ober's Del Rio Mixture.....	521
	4	<i>Mélange "Ober's Del Rio".</i>	522
	4	Ober's British Mixture.....	598
	4	<i>Mélange anglais "Ober's".</i>	598
	4	Ober's Royal Crown.....	683
	4	Nitrate of Soda.....	683
		<i>Nitrate de soude.</i>	
	4	Sulphate of Ammonia.....	
		<i>Sulfate d'ammoniaque.</i>	
	4	Sulphate of Potash.....	
		<i>Sulfate de potasse.</i>	
	4	Superphosphate.....	
	4	"	
Oliver Chemical Co., Ltd., The, Penticton, B.C.	6	Nitrate of Lime.....	685
		<i>Nitrate de chaux.</i>	
Ontario Fertilizers Ltd., West Toronto, Ont...	1	Monarch "A" 5-8-7.....	265
	1	" 5-8-7.....	265
	1	Monarch "F" 2-8-10.....	270
	1	Monarch "T" 2-8-4.....	272
	1	Monarch "K" 0-10-2.....	275
	1	Monarch Ground Tankage.....	288
		<i>Viande desséchée moulue "Monarch".</i>	
	1	Monarch "M" 4-6-10.....	310
	1	" 4-6-10.....	310
	1	Tankage.....	380
		<i>Viande desséchée.</i>	
	1	Muriate of Potash.....	
		<i>Muriate de potasse.</i>	
	1	"	
	1	Nitrate of Soda.....	
		<i>Nitrate de soude.</i>	
	1	Superphosphate.....	
	2	Monarch "A" 5-8-7.....	265
	2	Monarch "C" 4-8-4.....	267
	2	" 4-8-4.....	267
	2	Monarch "D" 5-12-0.....	268
	2	Monarch "F" 2-8-10.....	270
	2	" 2-8-10.....	270
	2	" 2-8-10.....	270
	2	Monarch "I" 2-8-2.....	273
	2	Monarch "L" 2-12-2.....	276
	2	Monarch "M" 4-6-10.....	310
	2	" 4-6-10.....	310
	2	Monarch "P" 0-12-5.....	450
	2	" 0-12-5.....	450
	2	Monarch "Q" 6-8-10.....	527
	2	" 6-8-10.....	527
	2	Monarch "S".....	875
		Superphosphate.....	
	3	Monarch Bone Meal.....	220
		<i>Poudre d'os "Monarch".</i>	
	3	Monarch "B" 4-8-6.....	266

FERTILIZER ANALYSES, 1927-28

ANALYSES D'ENGRAIS CHIMIQUES, 1927-28

Guaranteed—Analyse garantie						Found—Analyse officielle					
Water Soluble Nitrogen Azote soluble dans l'eau	Total Nitrogen Totalité d'azote	Available Phosphoric Acid Acide phosphorique assimilable	Total Phosphoric Acid Totalité d'acide phosphorique	Potash Soluble in water Potasse soluble dans l'eau	Finesness Finesse	Water Soluble Nitrogen Azote soluble dans l'eau	Total Nitrogen Totalité d'azote	Available Phosphoric Acid Acide phosphorique assimilable	Total Phosphoric Acid Totalité d'acide phosphorique	Potash Soluble in water Potasse soluble dans l'eau	Finesness Finesse
p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.
.....	.....	.....	.....	48.0	.....	.....	.....	.....	.....	49.2	.....
1.5	2.47	8.0	9.0	4.0	.....	.....	2.49	8.2	9.0	4.1	.....
1.5	2.47	8.0	9.0	4.0	.....	.....	2.5	8.1	8.8	4.05	.....
1.8	3.0	8.0	9.0	4.0	.....	.....	3.0	8.7	10.0	3.9	.....
1.8	3.0	8.0	9.0	4.0	.....	.....	3.02	8.3	9.1	3.9	.....
1.10	4.35	5.7	6.0	3.20	.....	.....	4.41	5.8	6.3	4.1	.....
1.5	2.47	8.0	9.0	5.0	.....	.....	2.48	8.0	9.1	5.1	.....
1.5	2.47	8.0	9.0	5.0	.....	.....	2.55	8.0	8.7	4.8	.....
2.4	4.0	8.0	9.0	6.0	.....	.....	3.7	8.5	10.2	6.1	.....
2.4	4.0	8.0	9.0	6.0	.....	.....	3.7	5.8	10.2	5.5	.....
2.0	3.3	8.0	9.0	5.0	.....	.....	3.32	9.4	10.2	5.2	.....
15.0	.....	.....	.....	.....	.....	15.4	.....	.....	.....	.....	.....
20.0	.....	.....	.....	.....	.....	20.4	.....	.....	.....	.....	.....
.....	.....	.....	.....	48.0	.....	.....	.....	.....	.....	49.9	.....
.....	.....	16.0	.....	.....	.....	.....	.....	17.5	.....	.....	.....
.....	.....	16.0	.....	.....	.....	.....	.....	17.2	.....	.....	.....
15.0	.....	.....	.....	.....	.....	15.8	.....	.....	.....	.....	.....
.....	5.0	8.0	9.0	7.0	.....	.....	5.4	7.0	7.65	7.0	.....
.....	5.0	8.0	9.0	7.0	.....	.....	4.8	7.05	7.65	7.14	.....
.....	2.0	8.0	9.0	10.0	.....	.....	2.02	8.3	9.6	9.9	.....
.....	2.0	8.0	8.5	4.0	.....	.....	2.0	9.3	9.9	4.0	.....
.....	.....	10.0	10.5	2.0	.....	.....	.....	9.8	11.2	2.18	.....
.....	6.0	6.0	15.0	.....	.....	.....	6.2	7.6	15.0	.....	.....
.....	4.0	6.0	7.0	10.0	.....	.....	4.2	7.1	8.6	10.3	.....
.....	4.0	6.0	7.0	10.0	.....	.....	4.3	6.1	6.7	9.2	.....
.....	8.2	.....	6.0	.....	.....	.....	8.2	.....	10.0	.....	.....
.....	.....	.....	.....	48.0	.....	.....	.....	.....	.....	51.8	.....
.....	.....	.....	.....	48.0	.....	.....	.....	.....	.....	52.9	.....
15.0	.....	.....	.....	.....	.....	15.2	.....	.....	.....	.....	.....
.....	.....	16.0	.....	.....	.....	.....	.....	16.9	.....	.....	.....
.....	5.0	8.0	9.0	7.0	.....	.....	5.0	7.7	8.2	6.7	.....
.....	4.0	8.0	8.5	4.0	.....	.....	4.0	8.6	9.3	4.7	.....
.....	4.0	8.0	8.5	4.0	.....	.....	3.6	7.9	8.3	4.3	.....
.....	5.0	12.0	13.0	.....	.....	.....	4.4	11.3	12.2	.....	.....
.....	2.0	8.0	9.0	10.0	.....	.....	2.2	8.2	8.7	9.7	.....
.....	2.0	8.0	9.0	10.0	.....	.....	2.0	7.5	8.0	10.2	.....
.....	2.0	8.0	9.0	10.0	.....	.....	2.0	7.7	8.5	9.6	.....
.....	2.0	8.0	8.5	2.0	.....	.....	1.4	8.2	8.5	3.4	.....
.....	2.0	12.0	12.5	2.0	.....	.....	2.4	11.5	12.1	2.6	.....
.....	4.0	6.0	7.0	10.0	.....	.....	3.2	5.3	5.5	10.2	.....
.....	4.0	6.0	7.0	10.0	.....	.....	3.8	7.7	8.2	9.5	.....
.....	.....	12.0	12.5	5.0	.....	.....	.....	12.0	12.6	4.8	.....
.....	.....	12.0	12.5	5.0	.....	.....	.....	11.4	11.8	5.5	.....
.....	6.0	8.0	9.0	10.0	.....	.....	5.9	8.8	9.2	9.8	.....
.....	6.0	8.0	9.0	10.0	.....	.....	5.5	8.0	8.4	9.3	.....
.....	.....	10.0	10.5	10.0	.....	.....	.....	10.3	10.6	10.8	.....
.....	.....	16.0	.....	.....	.....	.....	.....	16.7	.....	.....	.....
.....	2.0	10.0	22.0	.....	.....	.....	3.06	14.5	25.0	.....	.....
.....	4.0	8.0	9.0	6.0	.....	.....	2.7	7.8	8.2	7.6	.....

Manufacturer, Importer or Vendor Fabricant, importateur ou vendeur	Inspection District No. N° du district d'inspection	Brand Name Nom de fabrique	Registration Number Numéro de l'enregistrement
Ontario Fertilizers Ltd., West Toronto, Ont. (cont'd).	3	Monarch "L" 2-12-2.....	276
	3	Monarch 3-10-5.....	P.
	3	Monarch 2-12-10.....	P.
	4	Monarch "A" 5-8-7.....	265
	4	Monarch "B" 4-8-6.....	266
	4	" 4-8-6.....	266
	4	" 4-8-6.....	266
	4	" 4-8-6.....	266
	4	" 4-8-6.....	266
	4	Monarch "C" 4-8-4.....	267
	4	" 4-8-4.....	267
	4	" 4-8-4.....	267
	4	" 4-8-4.....	267
	4	Monarch "D" 5-12-0.....	268
	4	Monarch "F" 2-8-10.....	270
	4	" 2-8-10.....	270
	4	" 2-8-10.....	270
	4	" 2-8-10.....	270
	4	Monarch "T" 2-8-4.....	272
	4	" 2-8-4.....	272
	4	" 2-8-4.....	272
	4	" 2-8-4.....	272
	4	" 2-8-4.....	272
	4	Monarch "I" 2-8-2.....	273
	4	" 2-8-2.....	273
	4	" 2-8-2.....	273
	4	Monarch "J" 0-10-4.....	274
	4	" 0-10-4.....	274
	4	" 0-10-4.....	274
	4	" 0-10-4.....	274
	4	Monarch "K" 0-10-2.....	275
	4	Monarch "L" 2-12-2.....	276
	4	" 2-12-2.....	276
	4	" 2-12-2.....	276
	4	Monarch "M" 4-6-10.....	310
	4	" 4-6-10.....	310
	4	Monarch "P" 0-12-5.....	450
	4	" 0-12-5.....	450
	4	" 0-12-5.....	450
	4	" 0-12-5.....	450
	4	" 0-12-5.....	450
	4	Monarch "Q" 6-8-10.....	527
	4	Monarch "O" 4-8-10.....	557
	4	" 4-8-10.....	557
	4	Monarch "S" 0-10-10.....	875
	4	Monarch "A.C." 3-8-4.....	899
	4	Superphosphate.....	.....
	4	".....	.....
	4	".....	.....
	4	".....	.....
	4	".....	.....
	4	".....	.....
	4	".....	.....
Pacific Coast Fertilizer Co., Granville Island, Vancouver, B.C.	6	Dedolph's Patent.....	810
	6	".....	810
	6	".....	810
	6	".....	810

FERTILIZER ANALYSES, 1927-28

ANALYSES D'ENGRAIS CHIMIQUES, 1927-28

Guaranteed—Analyse garantie						Found—Analyse officielle					
Water Soluble Nitrogen Azote soluble dans l'eau	Total Nitrogen Totalité d'azote	Available Phosphoric Acid Acide phosphorique assimilable	Total Phosphoric Acid Totalité d'acide phosphorique	Potash Soluble in water Potasse soluble dans l'eau	Finesness Finesse	Water Soluble Nitrogen Azote soluble dans l'eau	Total Nitrogen Totalité d'azote	Available Phosphoric Acid Acide phosphorique assimilable	Total Phosphoric Acid Totalité d'acide phosphorique	Potash Soluble in water Potasse soluble dans l'eau	Finesness Finesse
p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.
.....	2.0	12.0	12.5	2.0	.....	.....	2.0	11.8	12.1	0.8	.....
.....	3.0	10.0	11.0	5.0	.....	.....	3.1	10.2	10.6	5.3	.....
.....	2.0	12.0	12.5	10.0	.....	.....	2.15	12.1	12.5	10.15	.....
.....	5.0	8.0	9.0	7.0	.....	.....	5.0	8.0	8.6	7.3	.....
.....	4.0	8.0	9.0	6.0	.....	.....	4.0	8.8	9.5	6.25	.....
.....	4.0	8.0	9.0	6.0	.....	.....	4.3	9.0	9.5	6.1	.....
.....	4.0	8.0	9.0	6.0	.....	.....	3.8	9.0	9.6	6.2	.....
.....	4.0	8.0	9.0	6.0	.....	.....	3.85	8.5	9.0	6.0	.....
.....	4.0	8.0	9.0	6.0	.....	.....	4.05	8.0	8.5	6.1	.....
.....	4.0	8.0	8.5	4.0	.....	.....	3.27	9.8	10.7	4.8	.....
.....	4.0	8.0	8.5	4.0	.....	.....	4.22	8.9	9.5	4.2	.....
.....	4.0	8.0	8.5	4.0	.....	.....	3.6	8.1	8.8	4.2	.....
.....	4.0	8.0	8.5	4.0	.....	.....	3.6	8.1	8.5	4.5	.....
.....	5.0	12.0	13.0	.....	.....	.....	4.9	12.3	13.0	.....	.....
.....	2.0	8.0	9.0	10.0	.....	.....	2.22	8.5	9.3	10.5	.....
.....	2.0	8.0	9.0	10.0	.....	.....	2.1	8.7	9.2	10.1	.....
.....	2.0	8.0	9.0	10.0	.....	.....	1.87	8.1	8.7	10.15	.....
.....	2.0	8.0	9.0	10.0	.....	.....	2.0	7.0	7.5	9.9	.....
.....	2.0	8.0	8.5	4.0	.....	.....	1.95	9.9	10.0	4.15	.....
.....	2.0	8.0	8.5	4.0	.....	.....	2.0	10.6	11.2	4.1	.....
.....	2.0	8.0	8.5	4.0	.....	.....	2.2	8.6	9.3	4.06	.....
.....	2.0	8.0	8.5	4.0	.....	.....	2.06	9.0	9.5	4.07	.....
.....	2.0	8.0	8.5	4.0	.....	.....	2.0	8.2	8.8	4.2	.....
.....	2.0	8.0	8.5	4.0	.....	.....	2.05	9.2	9.9	4.1	.....
.....	2.0	8.0	8.5	2.0	.....	.....	1.60	9.9	10.5	2.1	.....
.....	2.0	8.0	8.5	2.0	.....	.....	1.7	10.0	11.8	2.3	.....
.....	2.0	8.0	8.5	2.0	.....	.....	2.21	8.6	9.3	2.7	.....
.....	10.0	10.5	4.0	.....	.....	.....	10.7	11.4	4.05	.....	.....
.....	10.0	10.5	4.0	.....	.....	.....	10.3	10.9	4.0	.....	.....
.....	10.0	10.5	4.0	.....	.....	.....	10.7	11.2	4.5	.....	.....
.....	10.0	10.5	4.0	.....	.....	.....	10.9	11.6	4.8	.....	.....
.....	10.0	10.5	4.0	.....	.....	.....	10.7	11.7	4.0	.....	.....
.....	10.0	10.5	2.0	.....	.....	.....	10.2	10.6	2.05	.....	.....
.....	2.0	12.0	12.5	2.0	.....	.....	2.03	12.8	13.9	2.1	.....
.....	2.0	12.0	12.5	2.0	.....	.....	2.0	13.7	14.8	3.2	.....
.....	2.0	12.0	12.5	2.0	.....	.....	2.0	12.0	13.1	2.02	.....
.....	4.0	6.0	7.0	10.0	.....	.....	4.0	7.6	7.9	10.6	.....
.....	4.0	6.0	7.0	10.0	.....	.....	3.4	7.1	8.2	9.2	.....
.....	12.0	12.5	5.0	.....	.....	.....	11.7	12.3	5.0	.....	.....
.....	12.0	12.5	5.0	.....	.....	.....	12.2	12.7	5.0	.....	.....
.....	12.0	12.5	5.0	.....	.....	.....	13.2	14.0	5.9	.....	.....
.....	12.0	12.5	5.0	.....	.....	.....	13.0	13.7	5.2	.....	.....
.....	12.0	12.5	5.0	.....	.....	.....	12.5	14.0	5.05	.....	.....
.....	12.0	12.5	5.0	.....	.....	.....	12.4	13.1	5.1	.....	.....
.....	6.0	8.0	9.0	10.0	.....	.....	6.0	9.1	9.8	10.4	.....
.....	4.0	8.0	9.0	10.0	.....	.....	3.85	8.5	9.7	10.2	.....
.....	4.0	8.0	9.0	10.0	.....	.....	3.8	9.3	9.8	10.0	.....
.....	10.0	10.5	10.0	.....	.....	.....	10.7	11.3	10.1	.....	.....
.....	3.0	8.0	8.5	4.0	.....	.....	2.9	8.5	9.1	4.05	.....
.....	16.0	.....	.....	.....	.....	.....	16.0	.....	.....	.....	.....
.....	16.0	.....	.....	.....	.....	.....	16.1	.....	.....	.....	.....
.....	16.0	.....	.....	.....	.....	.....	17.1	.....	.....	.....	.....
.....	16.0	.....	.....	.....	.....	.....	16.1	.....	.....	.....	.....
.....	16.0	.....	.....	.....	.....	.....	17.0	.....	.....	.....	.....
.....	16.0	.....	.....	.....	.....	.....	16.5	.....	.....	.....	.....
.....	16.0	.....	.....	.....	.....	.....	17.0	.....	.....	.....	.....
.....	16.0	.....	.....	.....	.....	.....	16.8	.....	.....	.....	.....
2.0	8.0	.....	.....	2.0	.....	.....	2.1	2.1	8.0	8.1	2.5
2.0	8.0	.....	.....	2.0	.....	.....	2.0	2.02	6.1	8.1	2.1
2.0	8.0	.....	.....	2.0	.....	.....	2.0	2.0	7.4	7.8	2.4
2.0	8.0	.....	.....	2.0	.....	.....	1.8	2.3	7.0	8.4	2.6

FERTILIZER ANALYSES, 1927-28

ANALYSES D'ENGRAIS CHIMIQUES, 1927-28

Guaranteed—Analyse garantie						Found—Analyse officielle					
Water Soluble Nitrogen Azote soluble dans l'eau	Total Nitrogen Totalité d'azote	Available Phosphoric Acid Acide phosphorique assimilable	Total Phosphoric Acid Totalité d'acide phosphorique	Potash Soluble in water Potasse soluble dans l'eau	Finesness Finesse	Water Soluble Nitrogen Azote soluble dans l'eau	Total Nitrogen Totalité d'azote	Available Phosphoric Acid Acide phosphorique assimilable	Total Phosphoric Acid Totalité d'acide phosphorique	Potash Soluble in water Potasse soluble dans l'eau	Finesness Finesse
p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.
2.0	.....	10.0	.....	7.0	.....	2.0	2.4	8.7	8.9	8.4	.....
2.0	.....	10.0	.....	7.0	.....	1.9	2.3	9.4	10.1	6.6	.....
2.0	.....	10.0	.....	7.0	.....	2.0	2.4	9.5	9.9	9.8	.....
.....	.....	16.0	.....	.....	.....	.....	.....	17.1	.....	.....	.....
.....	.....	16.0	.....	.....	.....	.....	.....	17.2	.....	.....	.....
.....	.....	16.0	.....	.....	.....	.....	.....	17.2	.....	.....	.....
.....	.....	16.0	.....	.....	.....	.....	.....	17.2	.....	.....	.....
.....	.....	16.0	17.0	.....	80.0	.....	.....	16.0	16.7	.....	76.4
.....	.....	16.0	17.0	.....	80.0	.....	.....	15.6	17.0	.....	79.0
.....	.....	16.0	17.0	.....	80.0	.....	.....	16.0	16.6	.....	76.4
.....	.....	16.0	17.0	.....	80.0	.....	.....	16.0	17.3	.....	78.7
.....	.....	16.0	17.0	.....	80.0	.....	.....	16.0	17.3	.....	78.0
.....	.....	.....	.....	48.0	.....	.....	.....	.....	.....	51.6	.....
15.0	.....	.....	.....	.....	.....	15.8	.....	.....	.....	.....	.....
21.0	.....	.....	.....	.....	.....	20.5	.....	.....	.....	.....	.....
.....	.....	16.0	.....	.....	.....	.....	.....	17.0	.....	.....	.....
.....	4.0	8.0	.....	7.0	.....	3.5	3.8	9.0	9.9	6.3	.....
.....	4.0	8.0	.....	7.0	.....	3.6	3.9	8.0	8.9	6.6	.....
.....	4.0	8.0	.....	7.0	.....	3.9	4.2	9.9	11.1	6.4	.....
.....	3.23	8.0	.....	7.0	.....	2.9	3.3	9.3	10.2	6.5	.....
.....	3.23	8.0	.....	7.0	.....	3.1	3.3	9.9	11.2	6.9	.....
.....	3.23	8.0	.....	7.0	.....	2.8	3.29	10.2	11.8	6.5	.....
.....	3.23	8.0	.....	7.0	.....	3.1	3.33	8.6	10.5	6.7	.....
.....	3.23	8.0	.....	7.0	.....	3.1	3.3	8.0	9.2	6.8	.....
.....	3.23	8.0	.....	7.0	.....	2.7	3.2	9.6	11.1	6.8	.....
.....	3.23	8.0	.....	7.0	.....	3.3	3.5	9.2	10.2	7.1	.....
.....	3.23	8.0	.....	7.0	.....	2.8	3.4	8.0	8.9	6.6	.....
.....	.....	.....	.....	48.0	.....	.....	.....	.....	.....	47.8	.....
.....	.....	.....	.....	48.0	.....	.....	.....	.....	.....	48.1	.....
.....	.....	.....	.....	48.0	.....	.....	.....	.....	.....	48.0	.....
.....	.....	.....	.....	48.0	.....	.....	.....	.....	.....	48.3	.....
.....	15.0	.....	.....	.....	.....	15.0	.....	.....	.....	.....	.....
.....	15.0	.....	.....	.....	.....	15.0	.....	.....	.....	.....	.....
.....	15.0	.....	.....	.....	.....	13.7	.....	.....	.....	.....	.....
.....	15.0	.....	.....	.....	.....	15.0	.....	.....	.....	.....	.....
.....	15.0	.....	.....	.....	.....	13.9	.....	.....	.....	.....	.....
.....	20.6	.....	.....	.....	.....	20.2	.....	.....	.....	.....	.....
.....	20.6	.....	.....	.....	.....	20.3	.....	.....	.....	.....	.....
.....	20.6	.....	.....	.....	.....	20.5	.....	.....	.....	.....	.....
.....	20.0	.....	.....	.....	.....	20.9	.....	.....	.....	.....	.....
.....	20.0	.....	.....	.....	.....	20.5	.....	.....	.....	.....	.....
.....	20.0	.....	.....	.....	.....	20.8	.....	.....	.....	.....	.....
.....	20.0	.....	.....	.....	.....	20.9	.....	.....	.....	.....	.....
.....	20.56	.....	.....	.....	.....	20.7	.....	.....	.....	.....	.....
.....	21.0	.....	.....	.....	.....	20.0	.....	.....	.....	.....	.....
.....	21.0	.....	.....	.....	.....	20.6	.....	.....	.....	.....	.....
.....	.....	16.0	.....	.....	.....	.....	.....	17.0	.....	.....	.....
.....	.....	16.0	.....	.....	.....	.....	.....	16.3	.....	.....	.....
.....	.....	16.0	.....	.....	.....	.....	.....	17.2	.....	.....	.....
.....	.....	16.0	.....	.....	.....	.....	.....	17.5	.....	.....	.....

Manufacturer, Importer or Vendor Fabricant, importateur ou vendeur	Inspection District No. N° du district d'inspection	Brand Name Nom de fabrique	Registration Number Numéro de l'enre- gistre- ment
Ritchie Bros., & Co., Vancouver, B.C.....	6	"Ribo".....	846
	6	".....	846
Royster Guano Co., F. S., Norfolk Va., U.S.A.	4	Royster's Utility.....	870
	4	".....	870
Scottish Fertilizers Ltd., Welland, Ont.....	3	Scottish Special 0-12-4.....	185
	3	" 0-12-4.....	185
	3	Scottish Special 2-10-2.....	186
	3	" 2-10-2.....	186
	3	Scottish Special 3-10-5.....	188
	3	" 3-10-5.....	188
	3	" 3-10-5.....	188
	3	Scottish Special 3-6-8.....	189
	3	" 3-6-8.....	189
	3	Scottish Special 4-8-10.....	191
	3	" 4-8-10.....	191
	3	Scottish Basic Phospho.....	582
		<i>Phospho basique "Scottish"</i>	
	3	".....	582
	4	Scottish Special 0-12-4.....	185
	4	" 0-12-4.....	185
	4	" 0-12-4.....	185
	4	" 0-12-4.....	185
	4	" 0-12-4.....	185
	4	" 0-12-4.....	185
	4	Scottish Special 2-10-2.....	186
	4	" 2-10-2.....	186
	4	" 2-10-2.....	186
	4	" 2-10-2.....	186
	4	Scottish Special 3-10-5.....	188
	4	" 3-10-5.....	188
	4	" 3-10-5.....	188
	4	" 3-10-5.....	188
	4	" 3-10-5.....	188
	4	Scottish Special 3-6-8.....	189
	4	" 3-6-8.....	189
	4	Scottish Special 4-8-6.....	190
	4	" 4-8-6.....	190
	4	Scottish Special 4-8-10.....	191
	4	" 4-8-10.....	191
	4	" 4-8-10.....	191
	4	" 4-8-10.....	191
	4	Scottish Basic Phospho.....	582
		<i>Phospho basique "Scottish"</i>	
	4	".....	582
	4	".....	582
	4	".....	582
	4	Superphosphate.....	
Steel Company of Canada, Ltd., The, Ha- milton, Ont.	1	Muriate of Potash.....	
		<i>Muriate de potasse.</i>	
	1	Nitrate of Soda.....	
		<i>Nitrate de soude.</i>	
	1	Sulphate of Ammonia.....	
		<i>Sulfate d'ammoniaque.</i>	
	1	".....	
	1	Superphosphate.....	
	2	Sulfate d'ammoniaque.....	
		<i>Sulphate of Ammonia.</i>	
Stone & Sons Ltd., Wm., Woodstock, Ont.....	3	Muriate of Potash.....	
		<i>Muriate de potasse.</i>	

15.5				15.4						
20.0				20.8						
20.0				20.8						
20.0	16.0			21.0		16.9				
			50.0						53.3	

PAMPHLET No. 98—

BROCHURE N° 98—

Manufacturer, Importer or Vendor — Fabricant, importateur ou vendeur	Inspection District No. — N ^o du district d'inspection	Brand Name — Nom de fabrique	Registration Number — Numéro de l'enregistrement
Summers Fertilizer Co., Inc., Baltimore, Md., U.S.A.	4	Summers' 0-12-5	841
	4	Summers' 2-8-2	842
	4	Summers' 2-8-10	843
	4	Summers' 4-8-4	P.
	4	Summers' 2-8-3	P.
	4	Summers' 2-12-6	P.
	4	Bone Meal	
		<i>Poudre d'os.</i>	
	4	Nitrate of Soda	
		<i>Nitrate de soude.</i>	
	4	Superphosphate	
Swift & Co., Hammond, Ind., U.S.A.	4	Swift's Red Steer 0-12-6	635
	4	Swift's Red Steer 2-12-2	637
	4	" 2-12-2	637
	4	Vigoro	782
	4	"	782
	4	"	782
	4	Swift's Red Steer 2-12-6	808
	4	" 2-12-6	808
	4	Swift's Red Steer 0-20-0	P.
	4	Superphosphate	
	4	"	
Swift Canadian Co., Ltd., New Westminster, B.C.	6	Swift's Dried Blood	239
		<i>Sang desséché "Swift".</i>	
Swift Canadian Co., Ltd., Toronto, Ont.	6	Swift's Bone Meal 3-24	239
		<i>Poudre d'os 3-24 "Swift".</i>	105
	6	Swift's Tankage	384
		<i>Déchets d'abattoir "Swift".</i>	
	6	"	384
Tanguay Limitée, Québec, Qué.	1	Compound Manure	P.
		<i>Engrais composé.</i>	
	1	Muriate of Potash	
		<i>Muriate de potasse.</i>	
	1	Nitrate of Soda	
		<i>Nitrate de soude.</i>	
	1	Sulfate of Ammonia	
		<i>Sulfate d'ammoniaque.</i>	
	1	Superphosphate	
	2	Nestor (International)	199
	2	International	200
	2	"	200
	2	Union (International)	201
	2	4-8-10	P.
	2	Flag Brand Phosphate Thomas	
		(Scories basiques).	
		<i>Flag Brand Basic slag.</i>	
	2	Phosphate Thomas (Scories basiques) Belge	
		<i>Belgian Basic slag.</i>	
	2	" " "	
	2	" " "	
	2	" " "	
	2	" " "	
	2	" " "	
	2	Sulfate de potasse	
		<i>Sulphate of Potash.</i>	
	2	Superphosphate	
	2	"	
	2	"	
	2	"	

FERTILIZER ANALYSES, 1927-28

ANALYSES D'ENGRAIS CHIMIQUES, 1927-28

Guaranteed—Analyse garantie						Found—Analyse officielle					
Water Soluble Nitrogen Azote soluble dans l'eau	Total Nitrogen Totalité d'azote	Available Phosphoric Acid Acide phosphorique assimilable	Total Phosphoric Acid Totalité d'acide phosphorique	Potash Soluble in water Potasse soluble dans l'eau	Finesness Finesse	Water Soluble Nitrogen Azote soluble dans l'eau	Total Nitrogen Totalité d'azote	Available Phosphoric Acid Acide phosphorique assimilable	Total Phosphoric Acid Totalité d'acide phosphorique	Potash Soluble in water Potasse soluble dans l'eau	Finesness Finesse
p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.
1.0	2.0	12.0	12.5	5.0			2.35	12.7	13.1	6.0	
1.0	2.0	8.0	8.5	2.0			10.0	10.6	10.6	3.4	
	2.0	8.0	8.5	10.0			2.3	9.0	9.6	11.0	
	4.0	8.0		4.0			4.5	9.2	9.8	5.4	
	2.0	8.0		3.0			2.5	8.0	8.7	4.1	
	2.0	12.0		6.0			2.5	12.4	12.8	6.05	
	3.0	14.0	25.0				3.3	14.3	25.2		
14.8						14.6					
		16.0						16.5			
		12.0	12.25	6.0				11.7	12.2	7.1	
	2.0	12.0	12.25	2.0			2.0	12.7	13.5	2.1	
	2.0	12.0	12.25	2.0			2.07	12.7	13.5	2.2	
0.80	3.29	12.0	12.5	4.0			3.4	13.3	14.1	4.05	
0.80	3.29	12.0	12.5	4.0			3.5	12.7	14.0	4.06	
0.80	3.29	12.0	12.5	4.0			3.3	13.4	14.2	3.9	
0.80	2.0	12.0	12.5	6.0			1.90	12.1	12.8	7.2	
0.80	2.0	12.0	12.5	6.0			2.0	13.0	13.8	7.9	
		20.0	20.0					20.2	20.9		
		16.0						16.0			
		16.0						17.2			
	12.0						13.0				
	12.0						14.0				
	3.0	12.0	24.0				4.2	12.0	24.5		
	6.0	6.0	12.0				6.7	6.0	11.6		
	6.0	6.0	12.0				7.8	6.0	9.1		
	4.1	8.0	9.0	7.0			4.1	8.9	9.5	4.9	
				50.5						50.8	
15.5						15.9					
20.0						20.7					
		16.0						17.6			
2.0	2.0	7.0	8.0	4.0		1.6	1.6	7.0	7.2	5.9	
2.5	2.5	6.0	7.0	7.0		2.1	2.1	6.1	6.5	10.0	
2.5	2.5	6.0	7.0	7.0		2.5	2.5	5.7	6.2	8.8	
3.0	3.0	6.0	7.0	10.0		2.9	2.9	6.6	7.0	13.0	
4.0	4.0	8.0		10.0		3.7	3.7	8.8	8.9	12.2	
		16.0	17.0		80.0			14.7	15.5		83.4
		16.0	17.0		80.0			15.5	16.2		78.5
		16.0	17.0		80.0			14.7	15.8		75.9
		16.0	17.0		80.0			15.0	16.2		75.1
		16.0	17.0		80.0			14.7	15.8		75.1
		16.0	17.0		80.0			14.7	16.0		72.2
		16.0	17.0		80.0			15.0	16.1		77.8
				48.0						48.7	
		16.0						17.1			
		16.0						17.1			
		16.0						17.0			
		16.0						16.9			

Manufacturer, Importer or Vendor Fabricant, importateur ou vendeur	Inspection District No. N° du district d'inspection	Brand Name Nom de fabrique	Registration Number Numéro de l'enregistrement
Thomson & Sons Ltd., Wm., Clovenfords, Scotland.	4	Thomson's Manure..... <i>Engrais "Thomson's".</i>	386
Triangle Chemical Co., Ltd., The, New Westminster, B.C.	6	Nitroze.....	127
	6	".....	127
	6	Triangle "B".....	148
	6	".....	148
	6	".....	148
	6	".....	148
	6	Triangle Bone Meal..... <i>Poudre d'os "Triangle".</i>	151
	6	".....	151
	6	Triangle "A".....	457
	6	".....	457
	6	".....	457
	6	Triangle Tankage..... <i>Viande desséchée "Triangle".</i>	570
	6	Triangle Fish Meal..... <i>Déchets de poisson "Triangle."</i>	585
	6	Triangle "D".....	812
	6	Triangle "F" 4-10-4	813
	6	Triangle Basic Slag..... <i>Scories basiques "Triangle".</i>	
	6	".....	
	6	Triangle Nitrate of Soda..... <i>Nitrate de soude "Triangle".</i>	
	6	".....	
	6	".....	
	6	Triangle Muriate of Potash..... <i>Muriate de potasse "Triangle".</i>	
	6	".....	
	6	".....	
	6	Triangle Sulphate of Ammonia..... <i>Sulfate d'ammoniaque "Triangle".</i>	
	6	".....	
	6	Triangle Sulphate of Potash..... <i>Sulfate de potasse "Triangle".</i>	
	6	".....	
	6	Superphosphate.....	
	6	".....	
	6	".....	
United Farmers Cooperative Co., Toronto, Ont.	4	Superphosphate.....	
United Fruit Companies of Nova Scotia, Ltd., Kentville, N.S.	1	U. F. C. Bone Meal.....	686
	1	<i>Poudre d'os "U.F.C."</i>	
	1	U. F. C. Standard.....	696
United States Guano Co., Inc., Baltimore, Md., U.S.A.	1	U. F. C. High Grade.....	894
	1	Tankage.....	692
	1	<i>Viande desséchée.</i>	
	1	Tankage.....	732
	1	<i>Viande desséchée.</i>	
	1	Muriate of Potash.....	
	1	<i>Muriate de potasse.</i>	
	1	".....	
	1	".....	
	1	".....	

FERTILIZER ANALYSES, 1927-28

ANALYSES D'ENGRAIS CHIMIQUES, 1927-28

Guaranteed—Analyse garantie						Found—Analyse officielle					
Water Soluble Nitrogen Azote soluble dans l'eau	Total Nitrogen Totalité d'azote	Available Phosphoric Acid Acide phosphorique assimilable	Total Phosphoric Acid Totalité d'acide phosphorique	Potash Soluble in water Potasse soluble dans l'eau	Finesse Finesse	Water Soluble Nitrogen Azote soluble dans l'eau	Total Nitrogen Totalité d'azote	Available Phosphoric Acid Acide phosphorique assimilable	Total Phosphoric Acid Totalité d'acide phosphorique	Potash Soluble in water Potasse soluble dans l'eau	Finesse Finesse
p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.
1.5	3.25	7.0	10.0	5.0	.....	1.5	3.7	11.5	14.5	5.8	.....
15.0						15.7					
15.0						15.4					
2.7	3.0	10.0	13.0	7.0		2.5	2.9	9.8	14.2	7.1	
2.7	3.0	10.0	13.0	7.0		2.6	3.3	10.0	13.4	6.6	
2.7	3.0	10.0	13.0	7.0		2.6	2.9	10.9	14.7	6.7	
2.7	3.0	10.0	13.0	7.0		2.6	3.6	10.0	11.8	6.8	
	3.0	9.0	22.0				3.2	10.0	23.0		
	3.0	9.0	22.0				1.2		31.0		
3.7	4.0	10.0	13.0	4.0		3.7	3.8	10.7	14.4	4.3	
3.7	4.0	10.0	13.0	4.0		3.3	4.0	10.6	13.0	4.2	
3.7	4.0	10.0	13.0	4.0		3.7	3.7	10.5	14.1	4.3	
	6.0	6.0	12.0				6.9	8.2	12.9		
	9.0		6.0				10.2		6.0		
1.8	2.0	8.0	18.0	2.0		2.0	2.0	9.8	19.4	3.2	
0.6	4.0	10.0	12.0	4.0		1.2	3.5	10.5	13.1	4.0	
			17.5		80.0				16.1		78.7
			18.0		80.0				16.4		80.6
15.0						15.5					
15.0						15.5					
15.0				50.0		15.6				49.7	
				50.0						53.2	
				50.0						50.0	
20.0						20.7					
20.0				48.0		20.8				49.9	
				48.0						48.8	
		16.0						17.5			
		16.0						16.9			
		16.0						17.8			
		16.0						16.8			
		16.0						16.0			
	2.47		22.0				2.97		23.9		
2.63	3.30	8.0	8.5	4.0		2.9	3.6	8.3	8.9	4.5	
3.28	4.11	10.0	10.5	5.0		4.05	4.3	10.2	11.1	4.9	
0.5	8.22		6.0			0.4	8.3	0.3	7.66		
0.5	6.0		6.0			0.7	6.2	1.6	7.9		
				48.0						49.9	
				48.0						47.8	
				48.0						48.0	
				48.0						47.7	
				48.0						48.3	
				48.0						48.7	
				48.0						47.5	

Manufacturer, Importer or Vendor Fabricant, importateur ou vendeur	Inspection District No. N° du district d'inspection	Brand Name Nom de fabrique	Registration Number Numéro de l'enregistrement
United States Guano Co., Inc., Baltimore, Md., U.S.A. (cont'd).	1	Nitrate of Soda.....	
	1	Nitrate de soude.....	
	1	".....	
	1	".....	
	1	".....	
	1	".....	
	1	Sulphate of Ammonia.....	
	1	Sulfate d'ammoniaque.....	
	1	".....	
	1	".....	
	1	Superphosphate.....	
	1	".....	
	1	".....	
	1	".....	
	1	".....	
	1	".....	
	4	0-12-5.....	762
	4	0-12-5.....	762
	4	0-10-4.....	764
	4	3-3-8-4.....	886
	4	2-8-3.....	887
	4	4-11-8-7.....	888
	4	4-11-8-7.....	888
	4	2-47-8-4.....	889
	4	2-47-8-3.....	890
	4	3-12-5.....	P.
	4	Superphosphate.....	
	4	".....	
Vancouver Milling & Grain Co., Ltd., Van- couver, B.C.	6	Royal Standard Fish Meal.....	577
	6	Déchets de poisson "Royal Standard".....	
	6	" " ".....	577
	6	" " ".....	577
	6	Royal Standard Bone Flour.....	746
	6	Farine d'os "Royal Standard".....	
	6	" " ".....	746
	6	Royal Standard Nitro-Van.....	748
	6	Nitro-Van "Royal Standard".....	
	6	" " ".....	748
	6	Royal Standard "C".....	749
	6	" " ".....	749
	6	" " ".....	749
	6	" " ".....	749
	6	Royal Standard "A".....	750
	6	" " ".....	750
	6	" " ".....	750
	6	Royal Standard "B".....	751
	6	" " ".....	751
	6	Royal Standard Blood and Bone.....	771
	6	Os et sang desséché "Royal Standard".....	
	6	Royal Standard Tankage.....	772
	6	Viande desséchée "Royal Standard".....	
	6	" " ".....	772
	6	Royal Standard Bone Meal.....	773
	6	Poudre d'os "Royal Standard".....	
	6	" " ".....	773
	6	" " ".....	773
	6	Royal Standard City Special.....	811
	6	" " ".....	811
	6	" " ".....	811

FERTILIZER ANALYSES, 1927-28

ANALYSES D'ENGRAIS CHIMIQUES, 1927-28

Guaranteed—Analyse garantie						Found—Analyse officielle					
Water Soluble Nitrogen Azote soluble dans l'eau	Total Nitrogen Totalité d'azote	Available Phosphoric Acid Acide phosphorique assimilable	Total Phosphoric Acid Totalité d'acide phosphorique	Potash Soluble in water Potasse soluble dans l'eau	Finesness Finesse	Water Soluble Nitrogen Azote soluble dans l'eau	Total Nitrogen Totalité d'azote	Available Phosphoric Acid Acide phosphorique assimilable	Total Phosphoric Acid Totalité d'acide phosphorique	Potash Soluble in water Potasse soluble dans l'eau	Finesness Finesse
p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.
15-0						14-3					
15-0						14-9					
15-0						14-2					
15-0						14-3					
15-0						15-3					
15-0						15-4					
20-0						19-9					
20-0						20-1					
20-0						20-8					
20-0						20-1					
		16-0						16-3			
		16-0						16-9			
		16-0						17-6			
		16-0						16-6			
		16-0						17-2			
		16-0						17-5			
		12-0	12-5	5-0				13-0	13-6	4-5	
		12-0	12-5	5-0				12-0	12-5	5-05	
		10-0	10-5	4-0				12-1	13-3	4-1	
	3-3	8-0	8-5	4-0		3-33		8-2	9-0	4-2	
	2-0	8-0	8-5	3-0		1-7		8-5	9-6	3-2	
	4-11	8-0	8-5	7-0		3-8		8-3	9-0	7-05	
	4-11	8-0	8-5	7-0		3-8		10-4	11-1	6-1	
	2-47	8-0	8-5	4-0		2-5		8-8	9-7	4-2	
	2-47	8-0	8-5	3-0		2-6		8-3	9-5	3-1	
	3-0	12-0		5-0		3-03		12-0	12-7	5-05	
		16-0						17-2			
		16-0						16-4			
	8-58		8-7					5-1	10-5		
	8-58		8-7					9-3	5-0	5-6	
	8-58		8-7					9-5	5-0	6-1	
			26-5							33-6	
			26-5							32-2	
15-0						15-0					
15-0						15-1					
2-0	2-0	10-0		12-0		2-1	2-1	10-4	10-5	9-4	
2-0	2-0	10-0		12-0		2-1	2-1	10-0	11-8	12-4	
2-0	2-0	10-0		12-0		1-4	1-4	11-3	11-5	11-8	
2-0	2-0	10-0		12-0		2-2	2-2	11-1	13-0	12-7	
	4-0	10-0		4-0		4-2	4-2	10-3	12-1	4-5	
	4-0	10-0		4-0		4-3	4-3	10-0	11-9	4-2	
	4-0	10-0		4-0		4-5	4-5	9-6	11-5	4-2	
3-0		10-0		8-0		2-9	2-9	11-0	12-1	8-2	
3-0		10-0		8-0		2-8	2-8	11-8	13-4	7-5	
	7-0		11-0				5-6		14-7		
	6-0		7-0				6-6		7-6		
	6-0		7-0				6-3		7-9		
	3-0		23-0				3-6		22-8		
	3-0		23-0				3-9		25-2		
	3-0		23-0				3-75		25-4		
	6-0	5-0	8-0	10-0			5-9	8-0	9-8	11-3	
	6-0	5-0	8-0	10-0			6-2	8-0	9-8	11-7	
	6-0	5-0	8-0	10-0			5-5		10-9	12-0	

Manufacturer, Importer or Vendor Fabricant, importateur ou vendeur	Inspection District No. — N° du district d'inspec- tion	Brand Name — Nom de fabrique	Regis- tration Number — Numéro de l'enre- gistre- ment
Vancouver Milling & Grain Co., Ltd., Van- couver, B.C. (cont'd).	6	Royal Standard Special.....	814
	6	“.....	814
	6	“.....	814
	6	“.....	814
	6	Royal Standard Blood Meal.....	858
		<i>Sang desséché “Royal Standard”.</i>	
	6	“.....	858
	6	Royal Standard Basic Slag.....	
		<i>Scories basiques “Royal Standard”.</i>	
	6	Royal Standard Muriate of Potash.....	
		<i>Muriate de potasse “Royal Standard”.</i>	
	6	“.....	
	6	Royal Standard Nitrate of Soda.....	
		<i>Nitrate de soude “Royal Standard”.</i>	
	6	“.....	
	6	Royal Standard Sulphate of Ammo- nia. <i>Sulfate d'ammoniaque “Royal Stand- ard”.</i>	
Webb & Sons, Ltd., E. D., Toronto, Ont.....	6	Royal Standard Sulphate of Potash.....	
		<i>Sulfate de potasse “Royal Standard”.</i>	
	6	“.....	
	6	Superphosphate.....	
	6	“.....	
	6	“.....	
Wilson Paterson & Gifford, Ltd., St. John, N.B.	4	“Magic” Compound.....	673
		<i>Composé “Magic”.</i>	
	6	“Magic” Compound.....	673
		<i>Composé “Magic”.</i>	
	1	“Wilpat” 4-11-8-7.....	498
	1	“..... 4-11-8-7.....	498
Witts Fertilizer Works, Norwich, Ont.....	1	“Wilpat” 3-29-6-10.....	502
	1	Muriate of Potash.....	
		<i>Muriate de potasse.</i>	
	1	“.....	
	1	Superphosphate.....	
	4	Witts' High Grade.....	229
	4	Witts' Top Dressing.....	241
	4	Uneeda Plant Food.....	242
	4	Complete.....	244
	4	Witts' Bone Meal.....	283
		<i>Poudre d'os “Witts”.</i>	
	4	Farmers' Friend.....	284
	4	“.....	284
	4	“.....	284
	4	Witts' Special.....	564
	4	“.....	564
	4	“.....	564
	4	Witts' 4-8-6.....	589
	4	Farmers' Profit.....	708
	4	“.....	708
	4	Witts' 4-8-10.....	806
	4	Superphosphate.....	
	4	“.....	

FERTILIZER ANALYSES, 1927-28

ANALYSES D'ENGRAIS CHIMIQUES, 1927-28

Guaranteed—Analyse garantie						Found—Analyse officielle					
Water Soluble Nitrogen Azote soluble dans l'eau	Total Nitrogen Totalité d'azote	Available Phosphoric Acid Acide phosphorique assimilable	Total Phosphoric Acid Totalité d'acide phosphorique	Potash Soluble in water Potasse soluble dans l'eau	Finesness Finesse	Water Soluble Nitrogen Azote soluble dans l'eau	Total Nitrogen Totalité d'azote	Available Phosphoric Acid Acide phosphorique assimilable	Total Phosphoric Acid Totalité d'acide phosphorique	Potash Soluble in water Potasse soluble dans l'eau	Finesness Finesse
p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.
.....	4.2	7.5	8.5	10.0	.....	.....	3.7	8.5	9.2	9.9	.....
.....	4.2	7.5	8.5	10.0	.....	.....	3.6	9.0	9.5	11.8	.....
.....	4.2	7.5	8.5	10.0	.....	.....	3.6	9.0	9.6	10.6	.....
.....	4.2	7.5	8.5	10.0	.....	.....	2.8	10.5	11.3	8.4	.....
.....	12.0	.....	.....	.....	.....	.....	12.5	.....	.....	.....	.....
.....	12.0	.....	18.0	.....	80.0	.....	12.1	.....	17.0	77.9	.....
.....	.....	.....	.....	50.0	.....	.....	.....	.....	.....	51.2	.....
.....	.....	.....	.....	50.0	.....	.....	.....	.....	.....	47.0	.....
15.0	.....	.....	.....	.....	.....	15.8	.....	.....	.....	.....	.....
15.0	.....	.....	.....	.....	.....	15.9	.....	.....	.....	.....	.....
21.0	.....	.....	.....	.....	.....	20.7	.....	.....	.....	.....	.....
.....	.....	.....	.....	50.0	.....	.....	.....	.....	.....	50.1	.....
.....	.....	.....	.....	50.0	.....	.....	.....	.....	.....	48.7	.....
.....	.....	17.5	.....	.....	.....	.....	.....	16.8	.....	.....	.....
.....	.....	17.5	.....	.....	.....	.....	.....	16.9	.....	.....	.....
.....	.....	17.5	.....	.....	.....	.....	.....	17.0	.....	.....	.....
4.57	5.50	6.41	10.07	4.0	.....	5.0	5.6	10.2	11.6	4.1	.....
4.57	5.50	6.41	10.07	4.0	.....	5.1	5.8	9.9	10.7	4.5	.....
2.5	4.11	8.0	9.0	7.0	.....	4.2	5.0	9.2	10.9	9.8	.....
2.5	4.11	8.0	9.0	7.0	.....	4.5	4.9	8.3	9.9	8.9	.....
2.0	3.29	6.0	7.0	10.0	.....	4.0	4.5	8.0	9.6	13.5	.....
.....	.....	.....	.....	50.0	.....	.....	.....	.....	.....	50.16	.....
.....	.....	.....	.....	50.0	.....	.....	.....	.....	.....	50.04	.....
.....	.....	16.0	.....	.....	.....	.....	.....	16.2	.....	.....	.....
0.60	2.0	8.0	8.5	10.0	.....	1.0	2.06	8.9	9.3	10.06	.....
2.0	5.0	12.0	12.5	.....	.....	3.0	5.25	13.1	13.9	.....	.....
2.0	4.0	8.0	8.5	4.0	.....	2.0	4.0	9.0	9.4	4.03	.....
0.60	2.0	8.0	8.5	4.0	.....	0.7	2.0	8.4	9.3	4.05	.....
.....	2.5	12.0	22.0	.....	.....	.....	3.64	12.9	18.1	.....	.....
0.60	2.0	10.0	10.5	2.0	.....	1.0	2.03	12.0	13.2	2.1	.....
0.60	2.0	10.0	10.5	2.0	.....	1.0	2.28	10.3	11.5	2.0	.....
0.60	2.0	10.0	10.5	2.0	.....	1.0	2.02	11.9	12.2	2.1	.....
.....	.....	12.0	12.5	4.0	.....	.....	.....	12.0	12.5	4.2	.....
.....	.....	12.0	12.5	4.0	.....	.....	.....	13.5	14.5	4.1	.....
.....	.....	12.0	12.5	4.0	.....	.....	.....	12.1	13.7	4.1	.....
.....	.....	12.0	12.5	4.0	.....	.....	.....	9.0	9.3	6.06	.....
2.5	4.0	8.0	8.5	6.0	.....	2.5	4.1	12.6	13.3	2.25	.....
0.60	2.0	12.0	12.5	2.0	.....	1.0	2.35	13.1	13.9	2.15	.....
0.60	2.0	12.0	12.5	2.0	.....	1.0	2.15	9.0	9.3	10.02	.....
2.0	4.0	8.0	8.5	10.0	.....	2.0	4.0	.....	.....	.....	.....
.....	.....	16.0	.....	.....	.....	.....	.....	16.4	.....	.....	.....
.....	.....	16.0	.....	.....	.....	.....	.....	16.6	.....	.....	.....

NOMS DES INSPECTEURS DE DISTRICT, DES ANALYSTES OFFICIELS ET DES MEMBRES DE LA COMMISSION CONSULTATIVE, NOMMÉS SOUS L'EMPIRE DE LA LOI DES ENGRAIS CHIMIQUES

INSPECTEURS DE DISTRICT:

- District N^o-1—Jules Simard, Sackville, N.B.
 “ 2—B. Bourgault, Intérimaire, Edifice Carrell, Québec, Qué.
 “ 3—T. G. Raynor, 115 rue Vittoria, Ottawa, Ont.
 “ 4—W. J. W. Lennox, 86 rue Collier, Toronto, 5., Ont.
 “ 5—J. E. Blakeman, 812 Edifice Commercial, Winnipeg, Man.
 “ 6—G. M. Stewart, Edifice Immigration, Calgary, Alberta.

ANALYSTES OFFICIELS—

- G. E. Grattan, Laboratoire du Commissariat des semences, Ottawa.
 Dr O. J. Walker, Université de l'Alberta, Edmonton.
 Dr T. Thorvaldson, Université de la Saskatchewan, Saskatoon.
 R. Harcourt, Collège d'agriculture de l'Ontario, Guelph.
 Adam Cameron, Université du Nouveau-Brunswick, Fredericton.
 L. Joslyn Rogers, Université de Toronto, Toronto.
 L. C. Harlow, Collège d'agriculture de la Nouvelle-Ecosse, Truro.
 R. L. Dorrance, Université Queen's, Kingston.
 Dr R. McLean, Université McGill, Montréal.
 John Allerdyce, Université de la Colombie Britannique, Vancouver.
 J. G. A. Valin, Laboratoire du Bureau de Santé, Montréal.
 M. V. Kitto, Laboratoire du Bureau de Santé, Ottawa.
 F. C. Collier, Laboratoire du Bureau de Santé, Ottawa.
 L. E. Johnson, Laboratoire du Bureau de Santé, Ottawa.
 A. P. Couture, Laboratoire du Bureau de Santé, Montréal.
 R. D. Whitmore, Laboratoire du Bureau de Santé, Ottawa.
 E. L. C. Foster, Laboratoire du Bureau de Santé, Winnipeg.
 W. A. Davidson, Laboratoire du Bureau de Santé, Vancouver.

RENSEIGNEMENTS SUR LA MISE EN FORCE DE LA LOI DES ENGRAIS CHIMIQUES

Les marques d'engrais chimiques enregistrées sous l'empire de la loi des engrais chimiques, pour l'année finissant le 30 juin 1928, se chiffrent à 342 contre 293 au cours de l'année 1927. Ces marques sont réparties entre 54 firmes différentes, établies dans les provinces canadiennes et les pays désignés ci-dessous:—

	Firmes	Enregis- trements
Ile du Prince-Edouard.....	1	2
Nouvelle-Ecosse.....	3	25
Nouveau-Brunswick.....	4	6
Québec.....	4	18
Ontario.....	14	148
Manitoba.....	0	0
Saskatchewan.....	0	0
Alberta.....	1	12
Colombie Britannique.....	11	35
Grande-Bretagne.....	4	5
Etats-Unis.....	12	91
Total.....	54	342

Les 342 marques d'engrais chimiques enregistrées peuvent être classifiées comme suit:

- | | |
|---|-----|
| 1. Engrais composés, complets..... | 233 |
| 2. Engrais composés ne contenant que deux éléments de fertilité: | |
| (a) azote et acide phosphorique..... | 49 |
| (b) acide phosphorique et potasse..... | 46 |
| | 95 |
| 3. Engrais simples ne contenant qu'un des trois éléments de fertilité mais non exempts d'enregistrement, conformément à l'article IX (b) de la loi des engrais chimiques..... | 14 |

Outre les marques d'engrais chimiques enregistrées au ministère, on pouvait encore trouver sur les marchés canadiens des scories basiques et plusieurs sortes d'engrais simples exempts d'enregistrement en vertu des dispositions de l'article IX (b) de la loi des engrais chimiques, tels que nitrate de soude, sulfate d'ammoniaque, superphosphate, sulfate de potasse et muriate de potasse.

Des 981 échantillons prélevés par les inspecteurs du service de la répression des fraudes et analysés par les analystes officiels du ministère, 91 furent trouvés réellement défectueux et 890 furent trouvés conformes à l'analyse garantie, soit intégralement ou par compensation. Sept poursuites ont été intentées et de nombreux avertissements ont été donnés dans le cas d'une première offense ou d'une offense mineure. Outre la non-conformité des marques à l'analyse garantie, les principales offenses consistaient dans l'étiquetage inexact et dans l'abus de l'article IX (a) de la loi des engrais chimiques, permettant la vente, sans enregistrement, d'engrais chimiques fabriqués d'après une ordonnance.

En plus des analyses chimiques, des analyses microscopiques faites sur quelques engrais simples servirent à en déterminer la falsification. Ainsi l'on trouva que du phosphate naturel avait été mêlé à de la poudre d'os; que de la pierre à chaux moulue avait été mêlée à du superphosphate et que certains échantillons de viande desséchée contenaient de l'humus ou d'autres matières végétales en décomposition.

QUANTITÉS D'ENGRAIS CHIMIQUES EMPLOYÉS EN AGRICULTURE.

L'expertise servant à déterminer la quantité d'engrais chimiques utilisés au cours de l'année d'enregistrement 1927-28 n'est pas encore terminée mais les données obtenues par l'expertise faite au cours de l'année 1926-27 démontrent quelle fut la demande relative, au Canada, pour les diverses marques d'engrais chimiques.

Le bureau fédéral de la statistique, qui poursuit l'expertise de concert avec le Service des engrais chimiques de la Division des semences, soumet les chiffres donnés ci-dessous.

VENTES D'ENGRAIS CHIMIQUES AU CANADA, SAUF POUR FINS DE FABRICATION AU COURS DE L'ANNÉE D'ENREGISTREMENT 1926-27.

	Quantités vendues sur les marchés domestiques	Quantités vendues pour fins d'exportation
Engrais simples—		
Sulfate d'ammoniaque.....	6,908.91 tonnes	15,537.13 tonnes
Nitrate de soude.....	9,065.75 "	751 "
Cyanamide.....	605.5 "	58,201.5 "
Superphosphate.....	56,715.5 "	4,570.25 "
Phosphate naturel moulu.....	90.5 "	— "
Scories basiques ou Phosphate Thomas.....	12,918.9 "	— "
Muriate de potasse.....	12,523.17 "	1,490 "
Sulfate de potasse.....	305.14 "	— "
Sels bruts de potasse.....	— "	— "
Viande desséchée (<i>Tankage</i>).....	2,115.88 "	1,796 "
Sang desséché.....	219.28 "	90 "
Poudre d'os.....	2,158.47 "	152 "
Farine d'os.....	139.54 "	— "
Chair et sang desséchés de baleine.....	111.5 "	528 "
Déchets de poisson.....	1,021.25 "	— "
Nitrate de calcium.....	175.2 "	— "
Fumier de mouton.....	42 "	— "
Os et chair desséchés de baleine.....	24 "	4 "
Urée.....	1 "	— "
Total des engrais simples.....	105,141.49 "	83,119.88 "
Engrais composés—		
Total des engrais composés.....	64,422.83 "	1,955 "
Total des engrais simples et des engrais composés.....	169,564.32 "	85,074.88 "
Grand total.....	254,639.20 tonnes	

INTRODUCTION

Les résultats des analyses officielles des échantillons d'engrais chimiques prélevés par les inspecteurs du service de la répression des fraudes pendant l'année d'enregistrement finissant le 30 juin 1928, sont indiqués dans les pages qui précèdent. Les analyses garanties par les commerçants d'engrais chimiques et les analyses officielles sont placées en parallèle afin d'en faciliter la comparaison.

Tout en établissant de telles comparaisons, il est nécessaire, cependant, de prendre en considération les limites de variabilité telles que prescrites par les règlements sous l'empire de la loi des engrais chimiques et qui sont les suivantes:

D'après la loi des engrais chimiques, un déficit d'au plus—(a) trois dixièmes de un pour cent d'azote soluble dans l'eau ou d'azote total, ou (b) d'une demie de un pour cent d'acide phosphorique assimilable ou d'acide phosphorique total, excepté dans le cas de déchets ou de débris d'animaux (y compris le poisson) et de scories basiques, pour lesquels engrais, le déficit ne doit pas excéder un pour cent, (c) ou de cinq dixièmes de un pour cent de potasse soluble dans l'eau, (d) ou dix pour cent de finesse dans le cas de scories basiques, pourvu qu'au moins 80% de l'acide phosphorique total soient assimilables d'après le procédé Wagner,—ne sera pas considéré comme preuve d'intention frauduleuse, pourvu que la valeur totale de l'engrais soit substantiellement équivalente à l'analyse garantie, faite par le fabricant ou par l'importateur ou par le vendeur.

Les districts d'inspection de la division des semences tels qu'indiqués par des chiffres dans la mise en tableaux des résultats d'analyse se répartissent comme suit:—

Provinces maritimes.....	1
Québec.....	2
L'Est de l'Ontario.....	3
L'Ouest de l'Ontario.....	4
Manitoba et Saskatchewan.....	5
Alberta et Colombie Britannique.....	6

Il est à espérer que la publication du résultat des analyses officielles conjointement avec les analyses garanties par les fabricants servira de guide aux agriculteurs et autres qui achètent des engrais chimiques, ainsi que de mesure supplémentaire dans la mise en force de la loi des engrais chimiques.

G. S. PEART, Chef du Service des engrais chimiques.

L. P. CLICHE, Chef-adjoint, Service des engrais chimiques.

ANALYSES D'ENGRAIS CHIMIQUES, 1927-28

RAPPORT DU RÉSULTAT DES ANALYSES OFFICIELLES
DES ÉCHANTILLONS PRÉLEVÉS PAR LES INSPECTEURS
DU SERVICE DE LA RÉPRESSION DES FRAUDES, SOUS
L'EMPIRE DES RÈGLEMENTS ET DE LA "LOI DES
ENGRAIS CHIMIQUES".



DOMINION DU CANADA
MINISTÈRE DE L'AGRICULTURE
BROCHURE N° 98—NOUVELLE SÉRIE

LE SERVICE DES ENGRAIS CHIMIQUES DIVISION DES SEMENCES

GEO. H. CLARK, Commissaire

GRANT. S. PEART, Chef du Service des engrais chimiques

Publié par ordre de l'hon. W. R. MOTHERWELL, Ministre de l'Agriculture,
Ottawa, septembre 1928

ANALYSES D'ENGRAIS CHIMIQUES, 1927-28

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DES ÉCHANTILLONS PRÉLEVÉS PAR LES INSPECTEURS
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